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<140> 10/800,322

<141> 2004-06-12

<150> US 60/322228

<151> 2001-09-14

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<170> PatentIn version 3.0

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<210> 19

<211> 641

<212> DNA

<213> mammalian

<400> 19

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<210> 20

<211> 2306

<212> DNA

<213> mammalian

<400> 20

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 <211> 263
 <212> DNA
 <213> mammalian

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ttgygatgac tttttaatag acacttacca agaaagaatc tagtacagat gaagctctga	180
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<210> 22
 <211> 245
 <212> DNA
 <213> mammalian

<220>
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 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 22	
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aaaattaacc ttttatctag tgacagctag attgtatcac atttgtcatc tatggacact	180
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tgagg 245

<210> 23
<211> 253
<212> DNA
<213> mammalian

<400> 23
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agatttgata gaagaggtcc gcaaggcaag ggggaagaaa agggccccct agttgaggat 180
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tattttgtag gga 253

<210> 24
<211> 459
<212> DNA
<213> mammalian

<220>
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<223> "n" is an unknown nucleotide

<400> 24
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<210> 25
<211> 457
<212> DNA
<213> mammalian

<220>
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<223> "n" is an unknown nucleotide

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<210> 26
<211> 261
<212> DNA
<213> mammalian

<220>
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<222> ()..()
<223> "n" is an unknown nucleotide

<400> 26
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tattattagt gaatgaagct attttccaca gttctaaact ttaaagggtta aaatctgagt 180
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ctttggacct ncntttaatt a 261

<210> 27
<211> 2470
<212> DNA
<213> mammalian

<400> 27
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 <211> 2178
 <212> DNA
 <213> mammalian

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 <212> DNA
 <213> mammalian

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aagatcttaa aataaggata tattgttttt gaaattccaa caatgaatag actctttttt	360
ggctattttg agcc	374

<210> 36
 <211> 935
 <212> DNA
 <213> mammalian

<400> 36	
tgatataagt ttagccacac tttgatttgg gttcattttt tgttttgttt ttttcaatca	60
tgatattcag aaaaatccag gatccaaaat gtggcgtttt tctaagaatg aaaattatat	120
gtaagctttt aagcatcatg aagaacaatt tatgttcaca ttaagatacg ttctaaaggg	180
ggatggccaa ggggtgacat cttaatcct aaactacctt agctgcatag tggaagagga	240
gagcatgaag caaagaattc caggaaaccc aagaggctga gaattctttt gtctaccata	300
gaattattat ccagactgga atttttgttt gttagaacac cttcagttg caatatgcta	360
atcccacttt acaaagaata taaaagctat attttgaaga cttgagttat ttcagaaaaa	420
actacagccc tttttgtctt acctgccttt tactttcgtg tggatatgtg aagcattggg	480
tcgggaacta gctgtagaac acaactaaaa actcatgtct tttttcacag aataatgtgc	540
cagttttttg tagcaatgat atttctcttg gaagcagaaa tgctttgtac cagagcacct	600
ccaaactgca ttgaggagaa gttccagaac catccccttt ttccattttt atataattta	660
taaagaaaga ttaaagccat gttgactatt ttacagccac tggagttaac taacccttcc	720
ttgtatctgt cttcccagga gagaatgaag caaaacagga atttggtttt cttttgatgt	780
ccagttacac catccattct gttaattttg aaaaaatata ccctcccttt agtttgttgg	840
gggatataaa ttattctcag gaagaatata atgaactgta cagttacttt gacctattaa	900
aaaggtgtta ccagcaaaaa aaaaaaaaaa aaaaa	935

<210> 37
 <211> 302
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 37
 tgatttaata cgactcacta tagggctttt ttttttttac tagtcttgct ancggmctgt 60
 caattttgtt gatcttttca aaaanccagg ncctggattc attaatTTTT tgaagggttt 120
 tttnggtctn tatctcctcc agttctgctc tgatcttagt tatttcttgc cttctgctac 180
 cntttngaatt gngttngctc tngcttttct agttctttna atngggangt tagggngtca 240
 attttanatc tttcctgctt tctcttgggg ncattaaggg ctataaattn ccctgtncac 300
 ac 302

<210> 38
 <211> 1200
 <212> DNA
 <213> mammalian

<400> 38
 aagatataaa agctccagaa acgttgactg ggaccactgg agacactgaa gaaggcaggg 60
 gcccttagag tcttggttgc caaacagatt tgcagatcaa ggagaacca ggagtttcaa 120
 agaagcgcta gtaaggctc tgagatcctt gcactagcta catcctcagg gtaggaggaa 180
 gatggcttcc agaagcatgc ggctgctcct attgctgagc tgcttgcca aaacaggagt 240
 cctgggtgat atcatcatga gaccagctg tgctcctgga tggttttacc acaagtccaa 300
 ttgctatggt tacttcagga agctgaggaa ctggctgat gccgagctcg agtgtcagtc 360
 ttacggaaac ggagcccacc tggcatctat cctgagttta aaggaagcca gcaccatagc 420
 agagtacata agtggctatc agagaagcca gccgatatgg attggcctgc acgaccaca 480
 gaagaggcag cagtggcagt ggattgatgg ggccatgtat ctgtacagat cctggctctgg 540
 caagtccatg ggtgggaaca agcactgtgc tgagatgagc tccaataaca actttttaac 600
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 gtctctggct gtctcgagca gtctagaaga gtgcatctcc agcctatgaa acagctgggt 960
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 cactcaactc ctgcttggtt ttcctttggc cataggaagg ttaccagta gaatccttgc 1140

taggttgatg tgggccatac attcctttaa taaaccattg tgtacataag aaaaaaaaaa 1200

<210> 39
<211> 158
<212> PRT
<213> mammalian

<400> 39

Met Ala Ser Arg Ser Met Arg Leu Leu Leu Leu Leu Ser Cys Leu Ala
1 5 10 15
Lys Thr Gly Val Leu Gly Asp Ile Ile Met Arg Pro Ser Cys Ala Pro
20 25 30
Gly Trp Phe Tyr His Lys Ser Asn Cys Tyr Gly Tyr Phe Arg Lys Leu
35 40 45
Arg Asn Trp Ser Asp Ala Glu Leu Glu Cys Gln Ser Tyr Gly Asn Gly
50 55 60
Ala His Leu Ala Ser Ile Leu Ser Leu Lys Glu Ala Ser Thr Ile Ala
65 70 75 80
Glu Tyr Ile Ser Gly Tyr Gln Arg Ser Gln Pro Ile Trp Ile Gly Leu
85 90 95
His Asp Pro Gln Lys Arg Gln Gln Trp Gln Trp Ile Asp Gly Ala Met
100 105 110
Tyr Leu Tyr Arg Ser Trp Ser Gly Lys Ser Met Gly Gly Asn Lys His
115 120 125
Cys Ala Glu Met Ser Ser Asn Asn Asn Phe Leu Thr Trp Ser Ser Asn
130 135 140
Glu Cys Asn Lys Arg Gln His Phe Leu Cys Lys Tyr Arg Pro
145 150 155

<210> 40
<211> 497
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 40
tttcacttgt cgcaccaggc gtatttcctc tggaatntaa cgagtgtggc aaggccttca 60
gccacagttc caatctcatc ctccatcagc gcatccactc tggagagaaa ccttatgaat 120
gtaatgagtg cgggaaggcc ttcagccaga gctcggacct caccaagcat cagagaattc 180
acacggggga gaaaccctat gaatgtagtg aatgtnnaaa agctttcaac cgaaactcat 240

acctgatttt gcatcggaga attcacactc gagaaaagcc ctacaagtgc actaagtgtg	300
gcaaggcctt caccgcgagc tccacctca ctctgcatca cagaatccat gccagagaga	360
gagcctctga gtacagccca gcctcccttg atgcatttgg cgcgttcctg aaaagttgtg	420
tgtaaaggaa gaatttgcca tcaagccatt tccccttttg tttctaaatt atttcanaga	480
tgtgtgctct ggangga	497

<210> 41
 <211> 451
 <212> DNA
 <213> mammalian

<400> 41	
gctcccgaag tgatacggag gttaggatgc tacttgctgc aaacaagccc tactttggcc	60
aacatcctgc ttattttctca aaaaagaggg acagtgaaaa caaaaacgac attgggacat	120
gctgctcaag gtagttatat atacgataag ttgtatatat gatcactggg agcctaccaa	180
agctgtagaa atctaggact gtgctaataca gtatcaaacc aaagatttct atctcttccc	240
gaaagagagg gtatgtgcac cagtctacag ttccaaagga ctgcaacaaa tgtagatggg	300
tctgtcctca tccctgagat cagttctact gaaatggcaa caacaactcc aaatacatct	360
ctcccttctt gaaatcccta aagcactatc gcactcctaa atgcatttct cccaagttag	420
cacttgattg atctgtcttt aatccttcat t	451

<210> 42
 <211> 469
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 42	
cccttcccct cttctctcag ttttgacaa gtgacaaacc attttgcccc ctactcttc	60
ttttttaact gttaaaccac aggaaagcac aaatgaagga aatcctgtgt aaagcattga	120
gaaggaaaga agcctggagc agcctctcct gtccacagcc aggggttagg tctgcaggcc	180
cgtctgcggt ccccatcgag catcaagggg acgcntgtgt gtgcatgcaa gtgaccccga	240
aaacaaccac agccgtcaca tggctctcct gaagttgggg caccctctc tcagcaccaa	300
aatggcccc actccttcgt gtccctccgc tatctccaaa tcggacgttc tttctagctt	360

gagatttttta tttttccaca tctgtagtgc catgaagcga ttctgtcttt gacttccaat	420
ggcaaacctg ggtgatcggg aacaagcacg ttgtaccctt ggctggaca	469

<210> 43
 <211> 1584
 <212> DNA
 <213> mammalian

<400> 43	
cggggagct ctgaggaaca aggtggaagc tcagagcgct ggtctccacc ctggtgcccc	60
tgggctggtg ctggcagtgg gagccgtggc tgtggatgag agacatagac gagagagtga	120
gatggcctgg tttgcctct acctcctgag ccttctctgg gctacagctg ggactagtac	180
ccagaccag agttcatgct ccgttccttc agcacaggag cccttggcca atggaataca	240
agtactcatg gagaactcgg tgacttcac agcctacca aacccagca tctgattgc	300
catgaatctg gccggagcct acaacttgaa ggcccagaag ctctgactt accagctcat	360
gtccagcgac aacaacgac taaccattgg gcacctcggc ctcaccatca tggccctcac	420
ctctcctgc cgagacctg gggataaagt atccattcta caaagacaaa tggagaactg	480
ggcaccttc agcccaacg ctgaagcac agccttctat gggcccagtc tagcgatctt	540
ggcactgtgc cagaagaact ctgaggcgac cttgccgata gccgtccgct ttgccaagac	600
cctgctggcc aactccttc ccttcaatgt agacacagga gcaatggcaa ccttggctct	660
gacctgtatg tacaacaaga tcctgtagg ttccagaggaa gggtacagat cctgtttgg	720
tcaggacta aaggatattg tggagaaaat cagcatgaag atcaaagata atggcatcat	780
tggagacac tacagtactg gcctcgccat gcaggctctc tctgtaacac ctgagccac	840
taaaaaggaa tggaactgca agaagactac ggatatgata ctcaatgaga ttaagcaggg	900
gaaattccac aaccccatgt ccattgctca aatcctcct tcctgaaag gcaagacata	960
cctagatgtg cccaggtca cttgtagtcc tgatcatgag gtacaaccaa ctctaccag	1020
caacctggc cctggcccca cctctgcac taacatcact gtcataata ccataaataa	1080
ccagctgagg ggggttgagc tgctcttcaa cgagaccac aatgttagtg tgaaaagtgg	1140
gtcagtgtta cttgttgtcc tagaggaagc acagcgcaaa aatcctatgt tcaaatttga	1200
aaccacaatg acatcttggg gccttgctgt ctcttctatc aacaatatcg cggaaaatgt	1260
taatcacaag acatactggc agtttcttag tgggtgaaca ctttgaatg aaggggttgc	1320
tgactacata ccttcaacc acgagcacat cacagccaat ttcacacagt actaacgaag	1380
aggtgggttc agcttctatc aaacatctcc aaaggatggg tgaaatTTTT tccacttcat	1440

tttaaactcta tgcaaaaaag cgaatgcttg tgatgctacc atattcctgg taaaaacatg 1500
gagaaccact atgtagaata aaaatgcaaa gttcactgga gtctcaacat ctatgactca 1560
tgaaaataaaa attttcatct tctc 1584

<210> 44
<211> 417
<212> PRT
<213> mammalian

<400> 44

Met	Ala	Trp	Phe	Ala	Leu	Tyr	Leu	Leu	Ser	Leu	Leu	Trp	Ala	Thr	Ala
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Gly	Thr	Ser	Thr	Gln	Thr	Gln	Ser	Ser	Cys	Ser	Val	Pro	Ser	Ala	Gln
			20					25					30		
Glu	Pro	Leu	Val	Asn	Gly	Ile	Gln	Val	Leu	Met	Glu	Asn	Ser	Val	Thr
		35					40					45			
Ser	Ser	Ala	Tyr	Pro	Asn	Pro	Ser	Ile	Leu	Ile	Ala	Met	Asn	Leu	Ala
		50				55					60				
Gly	Ala	Tyr	Asn	Leu	Lys	Ala	Gln	Lys	Leu	Leu	Thr	Tyr	Gln	Leu	Met
65					70					75					80
Ser	Ser	Asp	Asn	Asn	Asp	Leu	Thr	Ile	Gly	His	Leu	Gly	Leu	Thr	Ile
			85						90					95	
Met	Ala	Leu	Thr	Ser	Ser	Cys	Arg	Asp	Pro	Gly	Asp	Lys	Val	Ser	Ile
			100					105					110		
Leu	Gln	Arg	Gln	Met	Glu	Asn	Trp	Ala	Pro	Ser	Ser	Pro	Asn	Ala	Glu
		115					120					125			
Ala	Ser	Ala	Phe	Tyr	Gly	Pro	Ser	Leu	Ala	Ile	Leu	Ala	Leu	Cys	Gln
		130				135					140				
Lys	Asn	Ser	Glu	Ala	Thr	Leu	Pro	Ile	Ala	Val	Arg	Phe	Ala	Lys	Thr
145					150					155					160
Leu	Leu	Ala	Asn	Ser	Ser	Pro	Phe	Asn	Val	Asp	Thr	Gly	Ala	Met	Ala
			165						170					175	
Thr	Leu	Ala	Leu	Thr	Cys	Met	Tyr	Asn	Lys	Ile	Pro	Val	Gly	Ser	Glu
		180						185					190		
Glu	Gly	Tyr	Arg	Ser	Leu	Phe	Gly	Gln	Val	Leu	Lys	Asp	Ile	Val	Glu
		195					200					205			
Lys	Ile	Ser	Met	Lys	Ile	Lys	Asp	Asn	Gly	Ile	Ile	Gly	Asp	Ile	Tyr
	210					215						220			
Ser	Thr	Gly	Leu	Ala	Met	Gln	Ala	Leu	Ser	Val	Thr	Pro	Glu	Pro	Ser
225					230					235					240

Lys Lys Glu Trp Asn Cys Lys Lys Thr Thr Asp Met Ile Leu Asn Glu
 245 250 255
 Ile Lys Gln Gly Lys Phe His Asn Pro Met Ser Ile Ala Gln Ile Leu
 260 265 270
 Pro Ser Leu Lys Gly Lys Thr Tyr Leu Asp Val Pro Gln Val Thr Cys
 275 280 285
 Ser Pro Asp His Glu Val Gln Pro Thr Leu Pro Ser Asn Pro Gly Pro
 290 295 300
 Gly Pro Thr Ser Ala Ser Asn Ile Thr Val Ile Tyr Thr Ile Asn Asn
 305 310 315 320
 Gln Leu Arg Gly Val Glu Leu Leu Phe Asn Glu Thr Ile Asn Val Ser
 325 330 335
 Val Lys Ser Gly Ser Val Leu Leu Val Val Leu Glu Glu Ala Gln Arg
 340 345 350
 Lys Asn Pro Met Phe Lys Phe Glu Thr Thr Met Thr Ser Trp Gly Leu
 355 360 365
 Val Val Ser Ser Ile Asn Asn Ile Ala Glu Asn Val Asn His Lys Thr
 370 375 380
 Tyr Trp Gln Phe Leu Ser Gly Val Thr Pro Leu Asn Glu Gly Val Ala
 385 390 395 400
 Asp Tyr Ile Pro Phe Asn His Glu His Ile Thr Ala Asn Phe Thr Gln
 405 410 415

Tyr

<210> 45
 <211> 247
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 45
 actgtccccg gggcgagac cctgnactcg gggacttggg atgttcctct tgggtgcata 60
 ttccaactca gattgagccc tacattgtgc tgcacctggt ccatacggag ttgaatcaga 120
 cctggttccc gcctccccca aggctcatgg tccttggagg acccgttgca gggcgaggtc 180
 aagaagagtt ctgacctgga tggcccatag acctgacgtc ccagaatcca tgctttcttc 240
 attttgc 247

<210> 46
 <211> 454
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 46
 ctctctgatat agcaacaaaag cctgggcaac ctttgttcct ggattctatt tctcctaaaa 60
 aatctttttaa gactcgaaaa caaaagtctt cttcaaaggc tgaatacaat ttaactgcat 120
 gcaaatgcct cctttgcaag aggaaatata gttcacaaat aatgcttaaa agacatatgc 180
 ntattgtcca caagataact ctttctggaa caaactctaa aagagaaaaa ggccctaata 240
 atactgccaa cagttcagaa ataacagtta aagttgaacc agcagattct gtagaatctt 300
 ccccccttc cattacccat tctccacaga atgaattaaa gggaacaaat cattcaaattg 360
 aaaaaagaa cacaccggca gcacagaaaa ataaagttaa acaagactct gaaagcccta 420
 aatcaactag tccgtcggct gcaggtggcc agca 454

<210> 47
 <211> 382
 <212> DNA
 <213> mammalian

<400> 47
 acacccatgg gaggtcatgc ctgatctgta cttctacaga gatcctgaag agattgaaaa 60
 agaagagcag gctgctgctg agaaggcagt gaccaaggag gaatttcagg gtgaatggac 120
 tgctcccgtc cctgagttca ctgctactca gcctgagggt gcagactggt ctgaagggtg 180
 acaggtgccc tctgtgccta ttcagcaatt ccctacttga agactggagc gctcagcctg 240
 ccacggaaga ctggtctgca gctccactg ctcaggccac tgaatgggta ggagcaacca 300
 ctgactggtc ttaagctgtt cttgcatagg ctcttaagca gcatggaaaa atgggttgat 360
 ggaaaataaa catcagtttc ca 382

<210> 48
 <211> 361
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 48
tggttttggct atgctcntcc ccttttcttc ccttttctctg tgaagcagcc atttttatta 60
nnttcctggt tatcactcat gcatgcatat gtttattgag gatgttggca ttcaagcaaa 120
tatatggggt aacattcttt ttgtcatccc tatacgaaag atataccag tatactctat 180
tggttggtt tttttcctta aaatattcag tagatctctc cagttagcac atagttatct 240
tatagataga acatatacat ataccctttn ttaactatgc tattaataaata tagctttcag 300
taccttgata attattttgg gattgaaaaa ctactggaaa tcaactcaat catgtgaaag 360
c 361

<210> 49
<211> 475
<212> DNA
<213> mammalian

<400> 49
acacatctgc tctgctctc tctcctccag cgaccctagc catgagaacc ctcaccatcc 60
tcaactgctgt tctcctcgtg gccctccagg ccaaggctga gccactccaa gctgaggatg 120
atccactgca ggcaaaagct tatgaggctg atgccagga gcagcgtggg gcaaagacc 180
aggactttgc cgtctccttt gcagaggatg caagctcaag tcttagagct ttgggctcaa 240
caagggtctt cacttgccat tgcagaaggt cctgttattc aacagaatat tcctatggga 300
cctgcactgt catgggtatt aaccacagat tctgctgcct ctgagggatg agaacagaga 360
gaaatatatt cataatttac tttatgacct agaaggaaac tgtcgtgtgt ccatacatt 420
gccatcaact ttgtttctc atctcaaata aagtcctttc agcaaaaaaa aaaaa 475

<210> 50
<211> 100
<212> PRT
<213> mammalian

<400> 50

Met Arg Thr Leu Thr Ile Leu Thr Ala Val Leu Leu Val Ala Leu Gln
1 5 10 15
Ala Lys Ala Glu Pro Leu Gln Ala Glu Asp Asp Pro Leu Gln Ala Lys
20 25 30
Ala Tyr Glu Ala Asp Ala Gln Glu Gln Arg Gly Ala Asn Asp Gln Asp
35 40 45
Phe Ala Val Ser Phe Ala Glu Asp Ala Ser Ser Ser Leu Arg Ala Leu
50 55 60

Gly Ser Thr Arg Ala Phe Thr Cys His Cys Arg Arg Ser Cys Tyr Ser
65 70 75 80

Thr Glu Tyr Ser Tyr Gly Thr Cys Thr Val Met Gly Ile Asn His Arg
85 90 95

Phe Cys Cys Leu
100

<210> 51
<211> 515
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 51
nggggcccgtg ggcgattnca acagctgatn tttatttttc ttcttgatgc tcttctacag 60
tttccaaatt ctctacaatg aacatgtact tctttttaat atcaaaagac aaaagaattg 120
gtacgtaaaa agaacatcct tcccatcttc aagggtcaaga ttgaacgctg actcctgcag 180
gaagtcttcc aggattccca ggcaggaatg atggctccct gtcctgtag ctccaggagt 240
tcttgcttca cgcacgcctc acataccana ctgaatgttg gcaggaggag tgaccagggtc 300
ggtcacatctgt gtccttacca cctacaacag gccagcaatc taccctgtgtg tgtttgttgg 360
acagaattaa ccatgatggg cggccgaggg cgcttgagac tatttggggg cttggagaga 420
acctcttagg agagtgtcag gctctagggc agtgtcacca gaggagggtca gtctcagttc 480
ttggagtcgt cctgtgtgaa attgttatcc cgcta 515

<210> 52
<211> 340
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 52
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ctttgtatatt atactgtgat ttgaacaga ttatgcaaca ttggaaggaa ggctgtntctt 120
tgatgggttg aaggaactca ncantatgat gatctgggtc caggggaaaa aaatagcttg 180

gttggtgtct agccccccaa cactttttgtn tcgttgtgta taaaagaaga aagactggca	240
tgtaccttca tttgcttagc tatttgagta tctagagaaa aattaaaatg caatgagtta	300
cgcantatac cctggcacac ttaataaatt aaacatttgt	340

<210> 53
 <211> 441
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 53 tcgcaaatnn caacaccnac attatatttc cttctgacac ttggaaggta nccgaaattt	60
ctagaaatgg atccttctca caaagtagag accaagagaa aaactcattg attgggtttt	120
tacttctttc aaggactccn gaaatttcac tttgaactgc cgccaannga gntgttaaga	180
taaccacac tnaaactaaa ggctcnccca taggcttgat nnaaaaatga aggtaanntt	240
ngtangtggg aatcngnnnt gaatnttgat cgtcnncng ccgngnagta ctngnanaa	300
agcggnatc ngggtaangc gccngccccg nnnnanncn cccactgtgc nnttaaccnc	360
ccatnccgn anancgagc canncgnnt nccaaccnng ngggngggnc ncngcnncg	420
ccgcnngctc cctacgacc a	441

<210> 54
 <211> 373
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 54 ctggttcggg tgttacgcac acgtacttaa atgaaagcat gtggcatgtt catcgntaa	60
cacaatatga atacagggca tgcnttttgc agcagtgagt ctcttcagaa aacccttttc	120
tacagttagg gntgagttac ttcctatcaa gccnnnacgt gctaacaggc tcaatattcc	180
tgaatgaaat atcaaactag tgacaagctt cctggtcttg agatgtcttc tcgntaagga	240
gatgggcctt ttggaggtan aggataaaat gaatganctc tgnccgatn ccgtattcta	300
gaactttgca tgacctttac tggcgncgcc tctttgaatg ttcttgaaan tttaaaacnt	360

ttctttntna ccn

373

<210> 55
<211> 495
<212> DNA
<213> mammalian

<400> 55
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tagaagaatc tgggtatgct gggtttcattt tgccaattga agtttatttt aaaaacaagg 120
aagaacctag gaaagtccgc tttgattatg acttattcct gcatcttgaa ggccatccgc 180
cagtgaatca cctccgttgt gaaaagctaa ctttcaacaa cccacagag gactttaggg 240
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<400> 57

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35 40 45
Cys Ala Val Gln Lys Val Ile Gly Thr Asn Arg Lys Tyr Phe Thr Asn
50 55 60
Cys Lys Gln Trp Tyr Gln Arg Lys Ile Cys Gly Lys Ser Thr Val Ile
65 70 75 80
Ser Tyr Glu Cys Cys Pro Gly Tyr Glu Lys Val Pro Gly Glu Lys Gly
85 90 95
Cys Pro Ala Ala Leu Pro Leu Ser Asn Leu Tyr Glu Thr Leu Gly Val
100 105 110
Val Gly Ser Thr Thr Thr Gln Leu Tyr Thr Asp Arg Thr Glu Lys Leu
115 120 125
Arg Pro Glu Met Glu Gly Pro Gly Ser Phe Thr Ile Phe Ala Pro Ser
130 135 140
Asn Glu Ala Trp Ala Ser Leu Pro Ala Glu Val Leu Asp Ser Leu Val
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Ser Asn Val Asn Ile Glu Leu Leu Asn Ala Leu Arg Tyr His Met Val
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Gly Arg Arg Val Leu Thr Asp Glu Leu Lys His Gly Met Thr Leu Thr
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Ser Met Tyr Gln Asn Ser Asn Ile Gln Ile His His Tyr Pro Asn Gly
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Ile Val Thr Val Asn Cys Ala Arg Leu Leu Lys Ala Asp His His Ala
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Thr Asn Gly Val Val His Leu Ile Asp Lys Val Ile Ser Thr Ile Thr
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<400> 61

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35 40 45
Arg Glu Ile Val Ala Leu Lys Thr Lys Leu Lys Glu Cys Glu Ala Ser
50 55 60
Lys Asp Gln Asn Thr Pro Val Val His Pro Pro Pro Thr Pro Gly Ser
65 70 75 80
Cys Gly His Gly Gly Val Val Asn Ile Ser Lys Pro Ser Val Val Gln
85 90 95
Leu Asn Trp Arg Gly Phe Ser Tyr Leu Tyr Gly Ala Trp Gly Arg Asp
100 105 110
Tyr Ser Pro Gln His Pro Asn Lys Gly Leu Tyr Trp Val Ala Pro Leu
115 120 125
Asn Thr Asp Gly Arg Leu Leu Glu Tyr Tyr Ile Leu Tyr Asn Thr Leu
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Asp Asp Leu Leu Leu Tyr Ile Asn Ala Arg Glu Leu Arg Ile Thr Tyr
145 150 155 160
Gly Gln Gly Ser Gly Thr Ala Val Tyr Asn Asn Asn Met Tyr Val Asn
165 170 175
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<210> 62

<211> 439

<212> DNA

<213> mammalian

<400> 62

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Lys Asp Lys Asp Ala Val Asp Lys Leu Leu Lys Asp Leu Asp Ala Asn	
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 <212> DNA
 <213> mammalian

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<210> 66
 <211> 4375
 <212> DNA
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<210> 67
 <211> 1212
 <212> PRT
 <213> mammalian

<400> 67

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Glu Leu Pro	Gly Thr Ala Val	Pro Ser Val	Pro Glu Asp	Ala Ala Pro								
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Ala Ser Arg	Asp Gly Gly	Gly Val Arg	Asp Glu Gly	Pro Ala Ala	Ala							
	50		55	60								
Gly Asp Gly	Leu Gly Arg	Pro Leu Gly	Pro Thr Pro	Ser Gln Ser	Arg							
65		70	75	80								
Phe Gln Val	Asp Leu Val	Ser Glu Asn	Ala Gly Arg	Ala Ala Ala	Ala							
	85		90	95								
Ala Ala Ala	Ala Ala Ala	Ala Ala Ala	Ala Gly Ala	Gly Ala Gly	Ala							
	100		105	110								
Ala Lys Gln	Thr Pro Ala	Asp Gly Glu	Ala Ser Gly	Glu Ser Glu	Pro							
	115		120	125								
Ala Lys Gly	Ser Glu Glu	Ala Lys Gly	Arg Phe Arg	Val Asn Phe	Val							
	130		135	140								
Asp Pro Ala	Ala Ser Ser	Ser Ala Glu	Asp Ser Leu	Ser Asp Ala	Ala							
145		150	155	160								
Gly Val Gly	Val Asp Gly	Pro Asn Val	Ser Phe Gln	Asn Gly Gly	Asp							
	165		170	175								
Thr Val Leu	Ser Glu Gly	Ser Ser Leu	His Ser Gly	Gly Gly Gly	Gly							
	180		185	190								
Ser Gly His	His Gln His	Tyr Tyr Tyr	Asp Thr His	Thr Asn Thr	Tyr							
	195		200	205								
Tyr Leu Arg	Thr Phe Gly	His Asn Thr	Met Asp Ala	Val Pro Arg	Ile							
	210		215	220								
Asp His Tyr	Arg His Thr	Ala Ala Gln	Leu Gly Glu	Lys Leu Leu	Arg							
225		230	235	240								
Pro Ser Leu	Ala Glu Leu	His Asp Glu	Leu Glu Lys	Glu Pro Phe	Glu							
	245		250	255								
Asp Gly Phe	Ala Asn Gly	Glu Glu Ser	Thr Pro Thr	Arg Asp Ala	Val							
	260		265	270								
Val Thr Tyr	Thr Ala Glu	Ser Lys Gly	Val Val Lys	Phe Gly Trp	Ile							
	275		280	285								
Lys Gly Val	Leu Val Arg	Cys Met Leu	Asn Ile Trp	Gly Val Met	Leu							
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Phe Ile Arg	Leu Ser Trp	Ile Val Gly	Gln Ala Gly	Ile Gly Leu	Ser							
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Ser	Thr	Ser	Ala	Ile	Ala	Thr	Asn	Gly	Phe	Val	Arg	Gly	Gly	Gly	Ala	
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Tyr	Tyr	Leu	Ile	Ser	Arg	Ser	Leu	Gly	Pro	Glu	Phe	Gly	Gly	Ala	Ile	
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Gly	Leu	Ile	Phe	Ala	Phe	Ala	Asn	Ala	Val	Ala	Val	Ala	Met	Tyr	Val	
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Val	Gly	Phe	Ala	Glu	Thr	Val	Val	Glu	Leu	Leu	Lys	Glu	His	Ser	Ile	
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Val	Val	Ile	Leu	Leu	Gly	Ile	Ser	Val	Ala	Gly	Met	Glu	Trp	Glu	Ala	
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Lys	Ala	Gln	Ile	Val	Leu	Leu	Val	Ile	Leu	Leu	Leu	Ala	Ile	Gly	Asp	
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				485					490					495		
Ala	Ala	Thr	Gly	Ile	Leu	Ala	Gly	Ala	Asn	Ile	Ser	Gly	Asp	Leu	Ala	
			500					505					510			
Asp	Pro	Gln	Ser	Ala	Ile	Pro	Lys	Gly	Thr	Leu	Leu	Ala	Ile	Leu	Ile	
		515					520					525				
Thr	Thr	Leu	Val	Tyr	Val	Gly	Ile	Ala	Val	Ser	Val	Gly	Ser	Cys	Val	
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Val	Arg	Asp	Ala	Thr	Gly	Asn	Val	Asn	Asp	Thr	Ile	Val	Thr	Glu	Leu	
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Ser	Ala	Thr	Leu	Ser	Ser	Ala	Leu	Ala	Ser	Leu	Val	Ser	Ala	Pro	Lys	
						615					620					
Ile	Phe	Gln	Ala	Leu	Cys	Lys	Asp	Asn	Ile	Tyr	Pro	Ala	Phe	Gln	Met	
625					630					635					640	

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Leu Thr Phe Leu Ile Ala Leu Gly Phe Ile Leu Ile Ala Glu Leu Asn
660 665 670
Val Ile Ala Pro Ile Ile Ser Asn Phe Phe Leu Ala Ser Tyr Ala Leu
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Ile Asn Phe Ser Val Phe His Ala Ser Leu Ala Lys Ser Pro Gly Trp
690 695 700
Arg Pro Ala Phe Lys Tyr Tyr Asn Met Trp Ile Ser Leu Leu Gly Ala
705 710 715 720
Ile Leu Cys Cys Ile Val Met Phe Val Ile Asn Trp Trp Ala Ala Leu
725 730 735
Leu Thr Tyr Val Ile Val Leu Gly Leu Tyr Ile Tyr Val Thr Tyr Lys
740 745 750
Lys Pro Asp Val Asn Trp Gly Ser Ser Thr Gln Ala Leu Thr Tyr Leu
755 760 765
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770 775 780
Lys Asn Phe Arg Pro Gln Cys Leu Val Met Thr Gly Ala Pro Asn Ser
785 790 795 800
Arg Pro Ala Leu Leu His Leu Val His Asp Phe Thr Lys Asn Val Gly
805 810 815
Leu Met Ile Cys Gly His Val His Met Gly Pro Arg Arg Gln Ala Met
820 825 830
Lys Glu Met Ser Ile Asp Gln Ala Lys Tyr Gln Arg Trp Leu Ile Lys
835 840 845
Asn Lys Met Lys Ala Phe Tyr Ala Pro Val His Ala Asp Asp Leu Arg
850 855 860
Glu Gly Ala Gln Tyr Leu Met Gln Ala Ala Gly Leu Gly Arg Met Lys
865 870 875 880
Pro Asn Thr Leu Val Leu Gly Phe Lys Lys Asp Trp Leu Gln Ala Asp
885 890 895
Met Arg Asp Val Asp Met Tyr Ile Asn Leu Phe His Asp Ala Phe Asp
900 905 910
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915 920 925
Ser His Leu Gln Gly Gln Glu Glu Leu Leu Ser Ser Gln Glu Lys Ser
930 935 940
Pro Gly Thr Lys Asp Val Val Val Ser Val Glu Tyr Ser Lys Lys Ser

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Asp Leu Asp Thr Ser Lys Pro Leu Ser Glu Lys Pro Ile Thr His Lys						
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Val Glu Glu Glu Asp Gly Lys Thr Ala Thr Gln Pro Leu Leu Lys Lys						
	980		985			990
Glu Ser Lys Gly Pro Ile Val Pro Leu Asn Val Ala Asp Gln Lys Leu						
	995		1000			1005
Leu Glu Ala Ser Thr Gln Phe Gln Lys Lys Gln Gly Lys Asn Thr						
	1010		1015			1020
Ile Asp Val Trp Trp Leu Phe Asp Asp Gly Gly Leu Thr Leu Leu						
	1025		1030			1035
Ile Pro Tyr Leu Leu Thr Thr Lys Lys Lys Trp Lys Asp Cys Lys						
	1040		1045			1050
Ile Arg Val Phe Ile Gly Gly Lys Ile Asn Arg Ile Asp His Asp						
	1055		1060			1065
Arg Arg Ala Met Ala Thr Leu Leu Ser Lys Phe Arg Ile Asp Phe						
	1070		1075			1080
Ser Asp Ile Met Val Leu Gly Asp Ile Asn Thr Lys Pro Lys Lys						
	1085		1090			1095
Glu Asn Ile Ile Ala Phe Glu Glu Ile Ile Glu Pro Tyr Arg Leu						
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His Glu Asp Asp Lys Glu Gln Asp Ile Ala Asp Lys Met Lys Glu						
	1115		1120			1125
Asp Glu Pro Trp Arg Ile Thr Asp Asn Glu Leu Glu Leu Tyr Lys						
	1130		1135			1140
Thr Lys Thr Tyr Arg Gln Ile Arg Leu Asn Glu Leu Leu Lys Glu						
	1145		1150			1155
His Ser Ser Thr Ala Asn Ile Ile Val Met Ser Leu Pro Val Ala						
	1160		1165			1170
Arg Lys Gly Ala Val Ser Ser Ala Leu Tyr Met Ala Trp Leu Glu						
	1175		1180			1185
Ala Leu Ser Lys Asp Leu Pro Pro Ile Leu Leu Val Arg Gly Asn						
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His Gln Ser Val Leu Thr Phe Tyr Ser						
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<210> 68
 <211> 441
 <212> DNA
 <213> mammalian

<220>

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 <222> ()..()
 <223> "n" is an unknown nucleotide

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 cattggttnt ttngngnatg ggggantggg agngngctaac ntaggaagaa tnggtgtgat 180
 naccaacaga agaganggga ccntggatnt ttggangtgg gttaangngg aaaanatgcn 240
 aatgggnaan aggtttggcn anttngantt tnnaanattt tttggtnatn gggaangggg 300
 aacaaacaan ggattttttt tncngagga aaggggattn ngntnacaat nggtgaaaan 360
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 angaataaaa atggggngga t 441

<210> 69
 <211> 258
 <212> DNA
 <213> mammalian

<220>
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 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 69
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<210> 70
 <211> 240
 <212> DNA
 <213> mammalian

<400> 70
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 ctccaaaagc tcagaagggt caaaaagctc cagcccagaa agcacctgct ccaaaggcat 180
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<210> 71
 <211> 267
 <212> DNA
 <213> mammalian

<220>
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 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 71
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 attactcctt cagttgttaa cttcactagt ttatttagta ataagccttt tttaaaactg 180
 ggtgcagtat ctgcatcaga caaacacttg ccaagttgct gaaagcctaa gtactagttt 240
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<210> 72
 <211> 482
 <212> DNA
 <213> mammalian

<220>
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 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 72
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 tgtcgtctgg tccctgttca acaccctctt cttgaactgg tgctgtctgg gcttcatagc 180
 attgcctac tccgtgaagt ctaggacag gaagatggtt ggcgacgtga ccggggccca 240
 ggcctatgcc tccaccgcca agtgccctgaa catctgggce ctgattctgg gcaccccat 300
 gaccattgga ttcacccctgt tactgggtatt cggctctgtg acagtctacc atattatgtt 360
 acagataata caggaaaaac ggggttacta ntagccgcca tagcctgcaa cctttgcact 420
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 at 482

<210> 73
 <211> 521
 <212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 73

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atatgaattht tgcggggaca caaccatgca gttcataaca tttgacatgt cctatcagtg      180
ctcacagaac ttgaatcagc ttttttaagt attacttatt tatttagaga tggtaacttg      240
ctatgttgte cagattggte tcaaactcct ggactcaagt gatcctccta cctcagcctc      300
ccaagtcact gggattatag acatgaacca cctcatctgg tttcaatcaa cttttttgtt      360
cttaccataa aatataaatg gacagcacag gacaaccaga catttgagaa aaaccctagc      420
aagagcaacc aaaaaaaaaa agccctatag ngagtcgata aatcnattcc cgcggccgca      480
tggcggccgg aacatgcacg nggccattcn cntagggag t                          521
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<210> 74

<211> 523

<212> DNA

<213> mammalin

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 74

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tgaaatagtt tggttctccc tgaagcatct gcatattgaa agaacgcttt cccactgtg      180
tgtcttctcc cctcctcca gtaaaaacag tcccggctgg gtgctgtggc tcgcgtctgt      240
aatcccagca ctttgggagg ccgaggtggg cggatcacct aaggtcggga gttcgagacc      300
agcctggcca acatggtgga acccgtctc tgctaaaaat acaaaaaaat ttagccgtgc      360
ttggtggcac ctgtgatccc agctacttgg gaggtgagg cgggagaatc gcctgacctg      420
ggaactaagg caggagaatc cctggacctg gaggcaaagg ttgcagtggc caacgnacca      480
ttgnctctac ctggcacaca cnaactccgt ccaaaaaaaaa gcn                          523
```

<210> 75
 <211> 534
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 75
 gttgggagct ctcccatatg gtcgacctgc aggcggccgc gaattcctag tgattaaccc 60
 ctcaagaccc gtttagaggc cccaaggggt taactagtta ctcgagtgcg gccgcaagct 120
 tcagagagct aaattgagtc tatcattatg gcaaagtctg acccaaaatt ttaatttgta 180
 attttagcat gtgtctcatg cactttgggg agcgtcaaac taaatctaca attgccagaa 240
 gccttgttac agtttaatgc acattaacta aaatgtgtac attttttagtg ttcattgataa 300
 atgcagttat gacctatta cacttttggc attctttaag aaagcacatt aagctttaat 360
 ataagaaata tttaggttac acttggtgctc aagtaataat aaaacatttg tcttttttga 420
 tctcatacat tctctctca ggtatggcca tctcctgacg cttgagccac cgcttgaatc 480
 ggatcccgac atacacctga ctggaancac gcttcatcaa ttccgcgccg cagg 534

<210> 76
 <211> 520
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 76
 ccaagagtgg agcattcttc ccatgattcc cctgacactt ggctgaaagc attttgact 60
 aatttgcttt gtgcccgctc agacaatcta aaaagaaagg atggggggac aacaagtgtc 120
 tattacacag aataaacagc ctctggcaaa tgaatacatt ttacacactt gtgcttttgg 180
 agggatgggg tagtgatgag gggaagggga atggaggagg agaagtcaag gattagaggt 240
 ctcttcagca tctcaggact gcctctctct ctctgtggtc acaggggtag gtttggtccc 300
 atggcagaca tgaaactcaa gatcagccct ggcgtatacg gggtgggagg ccagngctgc 360
 ctctgggtgt ccccccacc tgcaattcat attttgaatg gggttaaagcc tcttggaat 420
 acttttatcc tctaataaaa agattgaacn ctttccttgg attatattta aatgttacct 480

atataaatat actgcctgag gggangggta accctcttat 520

<210> 77
 <211> 524
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 77
 ggtggcctcg agcaatctgg aggctgttgg aatatgaata gcggtaacag ctgggggtata 60
 tgagaaaata ttgactccta tctggccttc atcaactgac ctcgaaaagc ctcatgagat 120
 gctttttctt aatgtgattt tgttcagcct cactgttttt accttaattt caactgccca 180
 cacacttgac cgtgcagtca ggagtgactg gcttctcctt gtcctcattt atgcatgttt 240
 ggaggagctg attcctgaac tcatatttaa tctctactgc cagggaaatg ctacattatt 300
 tttctaattg gaagtataat tagagtgatg ttggtagggt agaaaaagag ggagtccttg 360
 atgctttcag gttaatcaga gctatgggtg ctcaggcttg tctttctaag tgacatatct 420
 tatctaattc tcanatcagg gtttgaaacc ttgggggnct tttaaaattt aatccctcnt 480
 tntttnggcc aaatgtccaa aaaaaggcta tatctttccc aatt 524

<210> 78
 <211> 524
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 78
 tttctctttc aggtaggaaa atggaggcta agaaaagtta atttgtccga gggccctctg 60
 atgatagtga aactgggatg gaacctctgc ctgcttgctt ctgaggtctg ggctcctaac 120
 tactgctcta ctgcctcgag ccaagagatt tacgccttat taagcaattt gttgtgccga 180
 taaattggaa gacacagcag ataagcaaac aactcaagca accaggtcag ttcttgaggt 240
 ttctgaattg ttgggaccaa ggggccgtgc agaggtaacc acagctggcg tagtgtggtt 300
 gaggtagccc tattagcctt ttagttgctg ttactaattt atttctcagt ggtcaatgaa 360
 ccaattgccca tcaatcactt tgtgtatagg tcatgtccca tggctctgac ccaggttgct 420

gctcagagtt ggcacgtgg ctaaaatatt actagaggtc aaaatatgtg tgtgtttgtg	480
gtgattagtc aagnatctaa agaattgaca acattttggc atat	524

<210> 79
 <211> 198
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 79	
gctgctaaac aactaatgct cctggaggca aaaacccccg ccaggaaaag gagctggcgg	60
agaacagga acanctggag attttacgtg ccaaagcca agaactcaaa acacactcgg	120
atggcaaaat cgcagtggaa gttcataaat caattgtgaa tgaattaaaa agccaattac	180
agaaggaaaa aaaaaaaaa	198

<210> 80
 <211> 615
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 80	
cctanggaaa anttttagtg atgtctttgt naaagtcacc nccagaatc taaaaatgct	60
gcgtatagtg gaaccttatg tgacctgggg atttccaaat ctgaagtctg tccgagaact	120
cattttgaaa cgtggacnag ccaaggtcaa naatangacc atccctctga cagacaatac	180
agtgattgan gagcacctgg ggaagtttgg ccgtcatttg cttggaagac ctcattcatg	240
aaattgcctt cccaggggaag catttccagg agatctcatg gttcttgtgc cttttccacc	300
tctcagtggc ccgtcatgct accaaaaata gagtgggctt cctcaaggag atgggcacac	360
ctggctatcg ggggtgaactg catnantcac ctcacccgtc anctnaacta aaccaggtg	420
aggcagggtc gaaaactgnc cttgggctga cttttgatag gccatgcctt gccactntac	480
aaagttcttt angcattnac tagtattnaa gaagntncct agannttggg aggaatagag	540
gaggcnggta caatngatng agacctgctg ngatattnaa ngcctgatta ngacatgggg	600

ctctgcatag cccta

615

<210> 81
<211> 252
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 81
catcnattaa tgggcaaaat naccagntna catcatantg acaggatcgt attacatata 60
nnantattaa ccttaaagt aaataggcta antgccnaa ttaaaagaca cagactggca 120
aactggatta agagtcaaga cccatcagtg tgctgaattc aggaaacca tctcacatgc 180
agagacacac acaggctcaa aataaaggga tggaggaaga tctaccaagc aaatggaaag 240
caaaaaaaaa aa 252

<210> 82
<211> 522
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 82
atttcccctt gagttcaccc acancctttn anaggaatgc attacccatg accnatgctg 60
anaccccatg gggtnntanca cnggacctan gaaagtctcn ngcagncaga tagcncatgg 120
tgtcnccaca caactagagc attctggaga ttgcccatan agggatgtga ggggaccgtn 180
tanatctntc ttgcttatnt natgcnetca cattccttca gcctcctgga gttcctgata 240
aaangaagcc aggggtgtgga catttttttaa ctnttgattn tccannnct tngggatcac 300
ttgtacaccc actctttctt ntntgcctaa ttccgnntct tntggaacaa ntantntgcc 360
catgtatgtn tgtntctctt aacacnggtc natgaaantn tgantnttgg cttgatgtnt 420
gttgcgtygc ctggaaccan ggagcaacac nctggncatn gttctgtgta ncngaaanta 480
tatttatgaa ncntgtgctt atcccantaa ngtcgctgt gt 522

<210> 83
<211> 488

<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 83
aagaagagct aactatccta aatatatatg caccaatac aggagcacc agattcataa 60
agcaagtcct tagagaccta caaagagact tanactccca cacaataata gtgggagact 120
ttaacacccc actgtcaaca ttanacagat cancanaca ganagttaac agggatatcc 180
gngaattgan ctcanctgtg gcaccangcg gacctaan acatctacag actctccacc 240
ccaaatcaac agaataata tttttttcag caccacan cactatattc caaaattgac 300
cacatagtgt ggaagtanng ctctcctcng caangtgtaa agagaacaga attttataac 360
aaacgtgtct ctcanaccac agtgcaatca anctagaact cnggattaag aaactcactn 420
aaaaccgtta nttgatggan actgaacacc ctgctctgat gactctgggt cttacgaagn 480
gaggcaaa 488

<210> 84
<211> 504
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 84
ntgagagaag gcatgggatt ttnagcataa attcctgtta tgtgagtgt gtttgagttc 60
tgaagttcct atcaatatct gttcctgcaa gtgatctctg taagaccct tacatgctgg 120
tcttagttat tgttaaaatt gcaaggtttc ttcacaccct ctttgataag aagtgtttag 180
ctggcagagc tttcnttgac ttctgagtct agtggtgggt ggcccatgac agtggaaga 240
aatccaacat gttacatgga gaccttgat gtaaacaac tctgtagcct ttgaaagtgg 300
aactgctttt tacagttaaa gggctgctaa atggcttgca gatgagatct tctggctcac 360
cttgatcttc acatgaacc attgtgacct atctggattc ctaggacct tagttccatt 420
tggttatatt agtgctcag gaatgtgtnc tactggcaag catctcagaa attncgctgn 480
aggggtanat anaggaagaa ttag 504

<210> 85
 <211> 225
 <212> DNA
 <213> mammalian

<400> 85
 tgccctgtct ggcagtcagc ttcccagaca gactatagac tataaatatg tctccatctg 60
 ccttaccaag tgttttctta ctacaatgct gaatgactgg aaagaagaac tgatatggct 120
 agttcagcta gctggtacag ataattcaaa actgctgttg gttttaattt tgtaacctgt 180
 ggcctgatct gtaaataaaa cttacatttt tcgaaaaaaaa aaaaa 225

<210> 86
 <211> 247
 <212> DNA
 <213> mammalian

<400> 86
 gtttttagga actaaggtgt ttctctaaac acaaaatggt gggtgaaact gggaacaact 60
 ctcagaagct aattttattg cttaaagga aagtgtggga gccctaccct ctcttttgat 120
 ctgccaagga tttcctctca gagctgttgc acagacagag attgtacttg gtaagatacc 180
 aaacaagaca gatatggatc taaatttcta atgtgttcta tgggtttcaa ttccgaaaaa 240
 aaaaaaa 247

<210> 87
 <211> 231
 <212> DNA
 <213> mammalian

<400> 87
 gctgtacatt gttgcttgag agtctgtaca ttacgtcca gatttgtatt tgcactgtca 60
 gtatggcaaa tgagtgaaaa atgtttaata cactattgga ttttttattt cctttttttg 120
 attcagctta taccgggct gaaaacctca atttatgttc atgacagtgg ggattttttt 180
 aaatgtctac attctttcta ataaactggt ggaagactta aaaaaaaaaa a 231

<210> 88
 <211> 344
 <212> DNA
 <213> mammalian

<400> 88
 atgcaaggat tgtgagtgc tctggggcct ctattgcaaa ttgttctagg gagaaatttg 60
 cctgtcctgg tatcaagccc tggctggaag ccagagagag ggttacagaa agagattaag 120
 gtgtcagtgc tggaggcaga agaggctatt gggcaatttg tttgcctggt tctaccgcac 180

acctgattta caccagctt gtgaaaacct taccacaggt aaaatgccaa tagttgttct	240
actagagtgg tcaacttttg actgatttat ctctacatt tttcaaacct tatgtaatgt	300
cttgttttta taataaacag ttttggaatg ttataaaaaa aaaa	344

<210> 89
 <211> 355
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 89	
gtggacatgt tgaagctttg agatctgagc aggaggcagt gatgtccctg gtctattcag	60
ggaaagattt cagtgtgaaa tggtaaacad ccaattgaca ggatttagat tttgcttagt	120
ttttctgctt tttaatgttt ctatccccca tctcagtgtt ttctttatcc atcccagtga	180
tgccttattt gaaactgggc ttancntgca aaaagaatga agttggattt aggaactgtt	240
atatcattga gtgggtgttg gagtgaagtt tcactancag ggaagtttcc ttgagcctaa	300
aataaaaaag aaaaaattna naaagaatca gtttttttaa attataaaaa aaaaa	355

<210> 90
 <211> 191
 <212> DNA
 <213> mammalian

<400> 90	
ttttcccttt accagtctgt cctcactgcc tcgccctacc atcctgtcac cagtgggacc	60
tctttaaaac aagcagccaa ccattctttg atgtatecca ttcgctccat gttaacatcc	120
aaaaccagcc tggatttcat acatggactt ctgattaaaa gtggcaggtt gtgcatgtta	180
aaaaaaaaaa a	191

<210> 91
 <211> 336
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

```

<400> 91
tcagtaaggg gcaaacagag gatcactgac tcaagatgtg gttttaatta atanaaatgg      60
aggctgagtg cantggctca cacctgtgat ccagcactt tgggaggcca aggcangagg      120
actgcttgaa ccagagagtt caagaccagc ctggggaaca tgttgaaacc ctgtctcttg      180
aaaaaataca aaaattagct aggtgtggtg gtgcacagcc tgtagtccca gatacttggg      240
aggctgaggt gggaggatca cttgagcctg ggaggtanaa gcttgcacnc gagctatgat      300
cacaccactg cactccagcc ctgtctcaaa naaaaa                                   336

```

```

<210> 92
<211> 467
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 92
gaagagctaa ctatcctaaa tatatatgca cccaatacag ggagcaccca gattcataaa      60
gcaagtcttn agagacctac aaagagactt agactccac acantaataa tgggagactt      120
taacacccca ctgtcaacat tagacagatc aacgagacag aaagttaaca aggataccca      180
ggaattgaac tcagctctgc accaagngga cctaatagac atctacagaa ctctccaccc      240
caaatcaaca gaatatacat ttttttcagc accacaccac acntattcca aaattgacca      300
catanttgga agtaaagctc tcctcagcaa atgtaaaaga acagaaatta taacaaactg      360
tctctcagac ccagtgcac aaactagaac tcgggattaa gaactcctca aaccgctcac      420
tcntggaact gacacctggt ctgatgacnc tggggacata caaaaga                                   467

```

```

<210> 93
<211> 441
<212> DNA
<213> mammalian

```

```

<400> 93
tcctttaatt taaaaaagag ttttaaataa ttatctatgt cgctgtatt tcccttttga      60
gtgctgcaca acatgttaac atattagtgt aaaagcagat gaaacaacca cgtgttctaa      120
agtctagggg ttgtgctata atccctatgt agttcaaat taaccagaat tcttccatgt      180
gaaatggacc aaactcatat tattgttatg taaatacaga gttttaatgc agtatgacat      240
cccacagggg aaaagaatgt ctgtagtggg tgactgttat caaatatgtt atagaataca      300

```

atgaacggtg aacagactgg gtaacttggt tgagttccca tgacagattt gagacttgtc	360
aataagcaaa tcatttttgt atttaaattt ttgactgatt tgaaaaacat cattaatat	420
ctttaaaagt aaaaaaaaaa a	441

<210> 94
 <211> 395
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 94	
tctctgtgac cngacatgag aagggttgcca atgggctggt gggcgaccaa ggccttcccg	60
gagtcttcgt cctctatgag ctctcgccca tgatggtgaa gctgacggag aagcacaggt	120
ccttcaccca cttcctgaca ggtgtgtgcg ccatcattgg gggcatgttc acagtggctg	180
gactcatcga ttcgctcatc taccactcag cacgagccat ccagaagaaa attgatctag	240
ggaagacaac gtagtcaccc tcgggtgcttc ctctgtctcc tctttctccc tggcctgtgg	300
ttgtccccca gcctctgcca cctccacct cctcgggtcaa gcccagccc caggttgata	360
aatctattga ttgattgtga tagtaaaaaa aaaaa	395

<210> 95
 <211> 350
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 95	
atttcgaaaa aatccaaatt tcagcaaaat tatatnggtt gttttcagta cctctgaagg	60
tgctatatca agaattctca tgctactctt tgagaaaaca gattgcgttt ttacctagaa	120
aatcaactgc aaggcatttt tataacctta cccaagtaa aaaaaatata ttgaaatata	180
ctaataaatg cagactacat tacttgaaaa atggtaatac agaatgccct tttaatattt	240
gaaaatatga atttttggta gaaataatgt aaaataaagc ttctggtaag ccttaggcag	300
ttaaattttac atcagtgtaa agtaggatga aaatctgtaa aaaaaaaaaa	350

<210> 96
 <211> 251
 <212> DNA
 <213> mammalian

<400> 96
 cctcatgtcc tcacctgttt acccccatgt cccacgtcct caccacctgc ttctttgttt 60
 gattaccagt aaatagtatg ggttcccaga gctcagggcc ttgcgagcct ccatactagc 120
 gttggctccc tggaccacc gtatgtactc ttaacttgtc ttgtctcatt ccttttgact 180
 ctgtcggact tcatagccac cagcactgg tgttgagtct tgatcacccc aacaaacagt 240
 aaaaaaaaaa a 251

<210> 97
 <211> 478
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 97
 cctgaaaact cttttgcatt aagggatcat tgcaagagca gcgtgactga cattatgaag 60
 gcctgtactg aagacagcaa gctgttagta cagaccagat gctttcttgg caggctcgtt 120
 gtacctcttg gaaaacctca atgcaagata gtgtttcagt gctggcatat tttggaattc 180
 tgcacattca tggagtgcaa taatacttgt atagctttcc ccacctcca caaaatcacc 240
 cagttaatgt gtgtgtgtgt gtttttttta nggtaaacad tactacttgt aacttttttt 300
 cttantcata tttgaaaaag tanaaaattg agttacaatt tgattttttt tccaaagatg 360
 tcttgtaaaa tctgttgggc ttttatatga atatttgttt ttntagttaa aaattgacct 420
 ttgggaatcc agttgaagtc ccaaactta aaagagttat caacatctta tttggcct 478

<210> 98
 <211> 479
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 98
 tcagaacgcy tcagtaaaca aaacagattt gaatttcctt tccttcatgg aacttaagtt 60

ctagtgggtgg gaggaggaca gaaaacagta aataactaga ttttgaattg tgtttagcaga	120
tgataactga tgtgggaact tagcaggtag aaggcaacac aaggtcaaag aagccgggga	180
ttccaccttg actaggggagc tcagggcagg cctcacttga gaaagcacca cttgcatgaa	240
ggaggtggga aaagccttca cctgggggaa gagccttcca ggcagaggga acagccaatg	300
ccaaggccct aatgccttgg ccacttgctt ggtatgtcca aagaacaagg agacctgtgc	360
cagcggctgc agctgagtga gccagggatg tangaatgtg tanagggtgg ttctgggagg	420
tgcagcagga gaaaagtgc caaagtcact agtggctctc tggattggtt cngggcctt	479

<210> 99
 <211> 486
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 99	
ccgcaaagct ccttagngac ttctaattctt atttggtaaa acaataaaac aaaacagaac	60
ataaccttgt atcccatcta tcccagatgg agaagttctt gaaaattgtc cagcccactt	120
ctgcatttct actttcaata tactttccga gtatatattg tcatatattt tgaaggagag	180
agtaaagtct gtatgtccta aatagtgggt cccaccgaac cagttaaaaa aatttggagg	240
acgtgacatg tgtttgccaa catttaaatt ttccaagta agagtattat angtagagaa	300
agtgaggaaa atcgagagag agatagagag accgagagac acgaaaatca ncaaccagcc	360
cctattgcc a tgatttctta anaggaaagt tttatgttna aaaaaaatta gtgggggaca	420
taccttagaa tgaagggcng atcttcnata cagaaaatgt gtgcaaaacc tnatgacttg	480
ntnttt	486

<210> 100
 <211> 479
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 100

ctctaagtac ttcccttacc cactcagtgt ggtgatggca cctccctgaa tctcctgaca	60
aatgcgaaca ggaactccta ttcacagag ccaacttgat aactganaag attcctctct	120
catttatcag cctttgatta tctttttgtg tctcttacta tttgcgctta gcaagaaaaa	180
taaagagggt tgaacaatta agaagtaaca aagagctcat agttcacaaa gagcaagtca	240
aaggatgtct ggaatatttg aacatacaac tgcctttggc atgaggtggc ctacatacat	300
tctcaggggc aggataggct tggagagctg atcaagctgc ccgggaaanc tgaagcaaag	360
gccggnggtt ggaatnaatg tcncttcaac tgagacttta aaccttgggc tttanctggg	420
cgcagtanct acnctgtaa tccancactt tnggaggtaa gtcnggaaat ccttncgga	479

<210> 101
 <211> 408
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 101	
ttttctntgg cnnccgtcta angttggtaa gcaccttaat ggattggagg gtgtgccaca	60
ggatgaattc cctacctgan ccacttcttg gtgactcagc tttccatgct gtgaaatggg	120
gagaaatgga aaaattgcct ttgctgaggg atatgtggag aatttccatt tttgctctaa	180
gaaaaccaga ggaaacgtcc ccttgagaat tatgtgtgcc ttcagtctcc aacccttct	240
ctccactccc attttctccc ctgttttata aagcttcttg gcaagtcatt gtggctcacg	300
cctgtaatcc cagcactttg ggaggctgag gcaggaggat cccttgagga taagagttga	360
agatcagtct ggtcaacata gtgagattct atctctaaaa aaaaaaaa	408

<210> 102
 <211> 326
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 102	
gggcttgnt tgtagtccca tagctagcag atggctggag ccaagactga ggctcgttct	60
tcaatgctga gccagggctc cttccgctgc accacaagaa cgctagacca ctgcgccacca	120

gccttctcat tccctcttcc tccattctaa tcatttctag ctggctggcc tccacagagc	180
ataggaaaac agccagggcc gggcacggtg gctcatgcct gtaatctcac actctgggag	240
gccgagccgg gtggataacc tgaggtcagg aattcgagac cagcctggcc aacatggtaa	300
aaccccatct ctactaaaaa aaaaaa	326

<210> 103
 <211> 470
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 103	
gctctnnttt cttcttgccc gtgatgggaa gcccttggag gattttaagc aaaaatgtgc	60
cacgattcat cgctggtggg tctgtggaag atggattggg ataaggtggg gagtaggctg	120
gtgggtgggtt cttgcatagt cttcatgaa atagtcgtca accttagtgg tagtaaagat	180
tttcattctt tccaatgtgt ttcacatttt ctaggaactg catgttttgg ggacatgata	240
caattgagga aaataagtat tcttttccga taaagtaatg taaggcctca ttaattaaat	300
aaacgcttta tgagagcaaa aagacttggg aagaattaac ctttggctgg gcttgggtggc	360
tcacgcctgt aatcccagca ctttgggagg ccaaggcgga tggatcacct gaggtcagga	420
gtcaagacag cctgccacca tggagaacct ggctctctaa aaaaaaaaaa	470

<210> 104
 <211> 454
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 104	
tggttccctc nggccgtggt gctggcaaaa atgtgtgatt ctctgctgct gggtcagaag	60
gccaagagtt cagatgcctt gtcccanctg tgcccttgac tttcacaatg acctgtcanc	120
agttatttaa cccaggtcaa gccgagtggc aaaatgccga acaccagggc ctttatagat	180
cttanticctn tgcagtaaag cggggaaatg cctccatatg aagttttacg tacatcgtgt	240

ctccttacac ttnttatcct ttcccagngt catgcctttg gggtaaaaat tatttgtgag	300
agttcaatta anaattattg ntgtcagtct gctgtgggct catgcctgta atcccagcac	360
tttgggaggc caangtggga gggatcactt gagtgcagga gttaagacta gccagggcaa	420
catagtgaga tcctgtctct cctaaaaaaaa aaaa	454

<210> 105
 <211> 240
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 105	
gggttnatta ctcccgatat agcaacaaag cctgggcaac ctttgttcct ggattctatt	60
tctcctaaaa aatcttttaa gactcgaaaa caaagtctt cttcaaaggc tgaatacaat	120
ttaactgcat gcaaatgcct cctttgcaag aggaaatata gttcaciaat aatgcttaaa	180
agacatatgc aaattgtnc aagataact ctttctggaa caaactctaa aaaaaaaaaa	240

<210> 106
 <211> 240
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 106	
gggtactttg gaattgtccc atattaatca gagatggcaa aagaaaaagt tctcatatta	60
ccagggtgat tttgtgtctc atttcaaatt ttaatttaaa attatggntt tcatttttgt	120
ttaccttaaa gngangctta aaagtggcat gtanttagga cacttaggtt tgttgaaaga	180
attttcgaca tttgnataaa agaatttgcg ataaatntat ccaggngctc accaaagaaa	240

<210> 107
 <211> 419
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<223> "n" is an unknown nucleotide

<400> 107
gtgaaccttc aaacatcgct aagcatttga tctggccatg tatatggtag ctgtgtttta 60
at ttgagaat cttgagggtg gagccacaaa tttcaattct tacatttcca tttgcaaagt 120
gactagagaa aaagaaatca gcttaaataa ggtattaagt aatgtttaga gtcgtaggta 180
ttaactanaa tataaatcct tagaaattgt ctttatacct tcaaaaatta tactatgcat 240
ttatcataga aatgtgatta caaagaagtc tgactacat gtctttaaac atatggcatc 300
tctcaacttt tcttccttat ggggctacat ttgttcattt ccagcagtag cataaactta 360
cgggggacat ggtagacttg ctctaaataa aatttttaaa tgtttactaa aaaaaaaaaa 419

<210> 108
<211> 509
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 108
tgcagnggct ccaataacttn cattttgctc cccattgtga ttctcatcct ggctttgagt 60
tttgcttccc tttgtgtcct gtggtggatc ctccctccag gcagactggc ctgcttgctc 120
tctggaacat gttgtttgtt tctaccactg tacttttgct tcctctcatt cccacagtg 180
gaccgtnttt ttttcatcat tgcttgctca aatcccattt gtcttttaaa gggaanaaaaa 240
gccnttggtg atgaagtgc tctctggggc agagcattt catgtatcat cttactgagt 300
cactacaatc ctactctgt gaggtgatga tatattagcc ccattacaca agaggagaag 360
gggctcagaa aagttcttaa gctcacctga agtcacacag ctaaaagtgg caaagatggg 420
gctttggatt ttaaatccaa gtcagtcttg acagaaaagc ccatggcctg ataccatatc 480
acaagttggc tctcttacat tctccttcc 509

<210> 109
<211> 505
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

<400> 109
gcngnttgct aggcncgtga gcatanattt agagtccagn tgtgggggtgg tggngagatg      60
cagccaaccc agngacggcc tatacccnge accacttagt tgnataactca gantccaggt      120
gtggccttat agctgtgacc ctgctgaat ctgccagtta gcatctagag ctcacatag      180
cctggacaca ttccnnttca gtacgagagg agatttcaga gtctgtgttt caaaattaac      240
acttcaactg ctccaagaca ggagccaatg ccagtcttct ctggacattc atgagaagac      300
atgaaaaatg gccacaccct ggctccatcc tgaatgcttg tctctgaggc caaggcgcaa      360
tctgcaagtg gcacngtggt cccgcgagct ttaggttggg aaaagtgtgt tttgnttctc      420
tctttctctt cctacttgct tcatgtggna gggacctgga aaggaacttg ctgacaggat      480
ttaaacagna aatccttnca naatg                                          505

```

```

<210> 110
<211> 461
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 110
taccaatgag gggttggttta ttatcaaacc tgaatagctg tggtttctcc agtanatatt      60
ntcttctact gaacatggag ccattattaa nagttgngtg ttttttatta tgtacatttg      120
tatatttttt ngcttggttg angtnctatt tttctaatan ntnctttta gtnctttaa      180
gntgngatac tatatttaga ttctgatgct ancntgcaa tcaggtnngt ctctgctgg      240
gtctctcttg cttaattnt actttaagga cangtgtant nagtcagtcc accacnttc      300
aaaaaatgtg aaactgcctt gcctcccctt tttgctgaca aactgtgtn cattgaccac      360
ttctaccat nctttatgct gnaaaatcaa acccttttgg gggacnttat ctcatgttcc      420
tgcgattcca aanaactcta tggctaccaa aaaaaaaaaa a                          461

```

```

<210> 111
<211> 200
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()

```

<223> "n" is an unknown nucleotide

<400> 111
gcnggtngag tntaaatgat ggatattgac cagacctgct tggacggaga ccgccatatt 60
atctgttctc ttcgttccaa aacagncttc acttgtctca gaatttgatg gacacatact 120
gtgatgagca ggagcttcag atgcactctt tacacattnt gttgaaataa acctctacat 180
ttgtnaaana aaaaaaaaaa 200

<210> 112
<211> 452
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 112
ctgcncggtg gacattntag atggccggtg agagctcttt gaaaatgaaa acattctgct 60
atttgaatgc aaagtgttct tctttgctg tgatgtttcc taatctgtga actcactg 120
gacctcgaag ctgtctatta acaaaaatag caaagtggct gggcangng gctcatgcct 180
gtantcctag cactttgana ngcttnnggg cgnggatca cttgaggcca ggagttnat 240
accagcctgg ccaatatgtg aaaccccatc tctactaaaa atacaaaaat taccgccgtg 300
tggtggngtc tgcctgtaag tcccaactac ttgggaggct gangcacacg aatcatttga 360
gctcaggagg cagaggttgn agtgagctna natggcnccc tgcactccac ctgngngaca 420
cannagggt ctgtctgaaa aaaaaaaaaa aa 452

<210> 113
<211> 195
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 113
gtataaatga nggatattcg accnanacct gcttggacgg anaccgcctt attatctgnt 60
ctnttcgttc acaaaacanc cttcacttgt ctnagaattt gatggacaca tactgtgatg 120
agcaggagct tcagatgcac tctttacaca ttatgttgaa ataaacctct acatttgtga 180

aanaaaaaaaa aaaaaa

195

<210> 114
<211> 508
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 114
gtatacttgt tnatnacatn ttcgtttcct gagcaataac gattatgaaa agtttaacnn 60
caatcccnaa ttaattngag cctgctgaag gagtttgacc accatttgct gnccgctgca 120
caagcctgca agctgncagn tgccttcagt gcctatacnc cgatcttcat gctcacagca 180
tgccaatata cngtggcaca gtgtttattg tctgcagnn gttcaaata ga ctgtcctcca 240
nanttgaaac acttncatnt gtgtgaancc aaagaagcct ttgagattgg cctnctcanc 300
aagagagatg atgagcctgt nactggaaaa caggatcttc acagctntgt caangctgnt 360
ttcgggtctca ccacngtgcn cagaangntn catggggaga cagggactgt ccctgcagca 420
agtcaagcct ttggaatgaa gcaatgggga agctgncaat ttagccttnt tcanaagtnn 480
gacagagaac tttgtttaag attttggtt 508

<210> 115
<211> 470
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 115
cgtgtttcgt tgtaatccgc acagacattt ccaaggnaaa ttctaaacag tcacccttcc 60
cttttgcatt cccccaaatc ttaagtgtat acataaaacc ctgggtacat attgttgtgg 120
taatagaagg gaattgggta aacagtacac ttgtttatgg aactttctgt ggccacctac 180
gaaagacaag ttaacanant tgtcatggag gctgttgttg ccagccaggg ccgctgcatt 240
ttgacaacat ttccaccctg gccactcagc acatttcatg gaggtcatgt cttttcactg 300
atactttttt gatagttttt atataacaaa atccttattc tatttataac ttaagatgat 360

aaggcactat aaattaatga cctaaaataa tatatttgtc tgttatcttt tgctatttct	420
acttcacttt aatttttagc tgtaaattgg taatggatct tacactntct	470

<210> 116
 <211> 473
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 116	
ttaanttatt gtcttgctg tttgctaaca gttttatttc cgaggtaaaa tttgtctgat	60
ttttttctca ttactcattt ttattacca gatggcagtg aattggaata actatatttg	120
gaaatatgat ctctaaacta gcagtctctg aacattatct aagaggagta gaaatcttta	180
ctgtggttgc agatantaaa tgctattaaa agaaagagcg tcttgtaata cttggagcnt	240
tgacaacagc agcagataag gaattttcct gaatttttat ttcttgctag tgtggggaca	300
ggagtgggtgg cttggatgtc aggggagagt tggggtttgt tgggtctcatt ttctgtctta	360
tgtggctgag gaagcggttg tctgtatgtt tttgatgcag tcatatgtcg tagttntgga	420
cgttctcttg cagggagggc accgctngtc aatgagtgga accctcgatt tac	473

<210> 117
 <211> 423
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 117	
tgccanaggt cannttttga ggaaagccga aatgagacct agataagaac cagactgtga	60
aggatcttgc acttgatatg aaaagagttt tgcctttttc ctgagggcat cagaaagtca	120
ttaaggtggg tgtggtggct tacgcctgta atcccagcac tttgggaggc caaggccagt	180
ggatcaccgc aggtgaggan tttnnaccag cctaataaac atggcgaacc ctatctctac	240
taaaaataca aaaagtagct tgggccgtgg tggcgccgtg cttgtagtgc cagctgttca	300
ggaggccgag gcaggagaat tgcttgaacc tggaatgtag aggttgcaag tgagccgaga	360
tcacacccgc tgcactccca actgggcgac agancgagac tccgtctcaa aaaaaaaaaa	420

aaa

423

<210> 118
<211> 502
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 118
gtctgttttc cagggccccc aagcaagggt atggagatnt gccctgcaca agggggtaag 60
tagggctgaa atccagcccc actatctgcc ccaaagaaga ggctcctttc tctaattttc 120
ttaaagggtta gctagcccag aaatagcagt ggtggcatgg agttggagca aagtggacag 180
at ttggcata tactttngtg gcagaatgga caggacttaa ttaattagag tgaaggttag 240
agagagaaag atgtcataaa tgaataccag gtttctgctg ggaaccagtg aacagttgga 300
aatgccattt gtangagata ggatagatgg aaagatttga gggtaaagag tgtaagtttt 360
ccttttagaa gaatcaacta ctctgagata ataacctaac catcccagag ggatgatttg 420
catcttcttt gctgagagga cacctcatcc tcttccttcc ctgggttana acttccccaa 480
aagngttggg gattgagggg ga 502

<210> 119
<211> 275
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 119
nacctttctg gggacgctgg cccagtgca ggccaacatc ccaccccta cctcctatgg 60
gaccttgcaa gtcacccac aggctgcact gtcaggaaga ggaccctgtc cccagcact 120
gggcttcacc tagaacttca gtgggggcca aggggtgctga gaaccagca atgaccagga 180
agatacagtc actaacttca tctgtccccg tgccccttcc caggtcctgc ctccacaggt 240
ttaaccaga acaataaacc tggctttgtc atcaa 275

<210> 120

<211> 450
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 120
 aagactgtgt tgtcttttct accaagagta ttaacactac taagtctttc accttaactt 60
 atgactcagg atttattcac gtctgcccac ctctaggctc acaggaataa aatcaagtgc 120
 tagacacact ggctgctact aaggcactag cctctgtagc tgggtggtggc agcgtggggc 180
 gccgccagc gtgctgggct ctggcagtgc ctctgctgtg cttgcacatt gagccctttc 240
 tcagtcatgt gagtatcaag ttgggccatc tgtctactga cctggccttc atgtaagcag 300
 ctgtgggctg cgggcagaca ggagctcaga gatgcagcat gaggcgctta gaaaaacctg 360
 gccatttgc tgcctctaatt ccccttttgc ttgccatatt gggcttgtat tacctccttg 420
 aaanataaaa gaatacattt tcaaaaaaaaa 450

<210> 121
 <211> 319
 <212> DNA
 <213> mammalian

<400> 121
 tttagttgcc tgcctgtggc tggtaaggta atgtcatgat tcatcctctc ttcagtgaga 60
 ctgagcctga tgtgttaaca aataggtgaa gaaagtcttg tgctgtattc ctaatcaaaa 120
 gacttaatat attgaagtaa cactttttta gtaagcaaga taccttttta tttcaattca 180
 cagaatggaa tttttttgtt tcatgtctca gatttatatt gtatttcttt tttaacactc 240
 tacatttccc ttgtttttta actcatgcac atgtgctctt tgtacagttt taaaaagtgt 300
 aataaaatct gacatgtca 319

<210> 122
 <211> 449
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 122

aaatagactt	tttgcaatta	ataatgtatc	atatatacat	tactctgtca	ttagacattc	60
ttctacaata	anagttttga	catgtattgc	caaatatcct	cctaangttt	atacagatta	120
cactatttaa	tcatagttac	attttcctaa	agacttagtt	ttggccaggt	gcagtggctc	180
atgcctgtaa	tctcagcact	ttgggaggcc	aaggcgngtg	gatctgctga	ggacgggaat	240
tcaagaccag	cctggccaac	atggcaggaa	accgtgtctc	tactaaaaat	acanaaaatt	300
agcatngcgc	tggnggtggg	tgcttcta	at	ctcagctact	cgggaggctg	360
atcgcttgaa	cccgggagat	ggagggtgca	atgagccaan	gtcacaccat	tgcccttcann	420
ctgggcaaca	agagtgaaaa	tccatctca				449

<210> 123
 <211> 289
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 123		
agtgagactg	agcctgatgt	gttaacaaat aggtgaagaa agtcttgtgc tgtattccta 60
atcaaaagac	ttaatatatt	gaagtaacac ttttttagta agcaagatac ctttttattt 120
caattncag	aatggaattt	ttttgtttca tgtctcagat ttattttgta tttctttttt 180
aacactctac	atttcccttg	tttttnnctc atgcacatgt gctctttgta cagtttttaa 240
aagtgtata	aatctgaca	tgtcaatgtg gctagtttta tttttcttg 289

<210> 124
 <211> 289
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 124		
agtgagactg	agcctgatgt	gttaacaaat aggtgaagaa agtcttgtgc tgtattccta 60
atcaaaagac	ttaatatatt	gaagtaacac ttttttagta agcaagatac ctttttattt 120
caattncag	aatggaattt	ttttgtttca tgtctcagat ttattttgta tttctttttt 180
aacactctac	atttcccttg	tttttnnctc atgcacatgt gctctttgta cagtttttaa 240

aagtgtataa aaatctgaca tgtcaatgtg gctagtttta tttttcttg 289

<210> 125
 <211> 273
 <212> DNA
 <213> mammalian

<400> 125
 acagtaagtc atgatccaga aataaaagaa cacacagctc tctattcaga catgtgggct 60
 tgtggacatg aagctggaga aacataaggt gataaagaaa atcctgatgg aattggtaaa 120
 agagcctaag gccacacaa atcagagtgt tggctgagtg tggtggtca cgctgtaat 180
 cccggcactc tgggagggcg aggcaggtgg atcaccttga gatcgggagt ttgagaccag 240
 cctggccaac atggtgaaac cctgtctcta gta 273

<210> 126
 <211> 440
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 126
 ccccttcggc cctagcaaaa ntttttcttg naccctggtg ccaaaaagat ggctggtgta 60
 agggaccctg tgatacgtgc atgaggtgtg aactgactct gttgattatc cggactgtct 120
 cgagtgccat gccagcttca tgattccatg ctgtacttta cgcattgtgc gcactctgag 180
 taggcatttt gtgaaatttg ttattccttt tatgttgagg aacttccact tgaaatgctt 240
 gtatccttgg atgcctccct tagctctcct gctgtaagct tctcctttca gaacagacaa 300
 atagccttgt ctctattgtc aaaaggtagg ctcttttatt gttgtcatac ttttcttggc 360
 ttgagaatac tggggctggg caagatggct caatgcctat aatcgagca ctttgggagg 420
 ccgcagtggg cagatacctc 440

<210> 127
 <211> 435
 <212> DNA
 <213> mammalian

<400> 127
 cttgggcccc gcttattttt ctctgcccc tggcttataa tgaacaattt ggtacgaact 60
 actgacctcc ttctaaaaca ctgagtgacc cttaaaaaaa ttcaacctta gttcccaatg 120

cccttggtgta tatacaaata atcattgcct tcgtttacta tttcctcaaa tccttaaaaa	180
tagaaagaat caaatatact tgccaaaaaa tttagccaat tgttaaaaaa tcataagagg	240
accaaagtga atagtacatg gaaagtcttt agaaaaagct caaaaatagg taagaatgaa	300
aaaaactatt gggcatcatt gtaatttatt attgttggat atcctgttgt taggattaaa	360
gtaaaaacat caaacattac aaagagacaa gttccctgca gactctttag ttcagtcagt	420
tgtactgata atttg	435

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<210> 128
<211> 428
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

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<400> 128	
ttcgaaccac ctctccttcg ggaaagtgag agccaggctc agggccccga atgtcacccct	60
gcatgggaca ggggtgaaata aacactgagg aaagagaccc ttagaattga agtctgagggc	120
acatccccac tgtcacctta gcctgtgcag tttcaatgtg accagcctga atgacntgag	180
agaagccgag ggaaggcata aggggcatcc attattcagg ctcacctggt gatggtacca	240
tcagcagaat ctttcaccaa cggtgggtcc cagtatactc gagcagtcaa tttctctggc	300
tctgccatct tctcacgtga gtggggacag cggatcttgg ggggatctat gtctgccaag	360
atgaaaaatc aagtgtgac tcgtggggcc cttgctttcc ctggagggaa tccactgaag	420
caatgcnc	428

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<210> 129
<211> 270
<212> DNA
<213> mammalian

```

<400> 129	
cgaagataga gaaggtttct cacattggct ttggaagtca agcactcagt tcaggctgag	60
agaatattct ctcttagttc ctgctctctg gagtggagta gttcagactc aacagaaaaa	120
gctttgctgg gccaggcgca gtggctcaca cctctaatta gaacactttg ggaggccaag	180
gcgggcagat cacctgaggt caggagtttg agaccagcct ggccaacatg gcgaaacccc	240
atctctacta gaaatacaaa aaattagcca	270

<210> 130
 <211> 190
 <212> DNA
 <213> mammalian

<400> 130
 attttaaactg aatctaata caagaaaaca atcagatata tccagactga gagatattca 60
 atatgacatt ataaaaacta agattcttca atatgtcaac atcatgaaca ccacaaaatg 120
 gcagaaaaat tgttctagat taatggagac taaagagata taacacaagt gcaactcatg 180
 gtacctgaat 190

<210> 131
 <211> 239
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 131
 aggaaaaact tttgtcgcaa ctccctctca gcaaatagcc ttttatcgaa aaactagaga 60
 aactctcatc aatgacttct cttcccatth taatacaata ttaattcaac aagaatctat 120
 cataccagaa cctccctaaa aagactaaaa gcacccccaa aacaattatt cctgaaaacn 180
 attnaaaaca atactagata atggataatg aaatgctgaa tggatacac tcagatgca 239

<210> 132
 <211> 265
 <212> DNA
 <213> mammalian

<400> 132
 acccagatct aaagcaagtc cttagtgacc taaaaagaga tttagactcc cacacaataa 60
 taatgggaga ctttaacacc ccactgtcaa cattagacag atcaacaaga cagaaagtta 120
 acaaggatat ccaggaattg aactcagctc tgcactgaag tggacctaat agacatctac 180
 agaactctcc accccaaatc aacagaatat acattctttt cagcaccaca ccacacctat 240
 tccaaaattg aacacatagg tggaa 265

<210> 133
 <211> 410
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 133
 tgctccaaga caatgagaac ttcaagacaa tagtggagtt tgagtgccgg ggccttgaac 60
 cagttgattt ccagccgcag gctggggtttg ctgctgaagg tgtggagtca gggacagcct 120
 tcagtgcacat taatctgcag gagaaggact ggactgacta tgatgaaagg cccangantt 180
 ctgtgggaat ctatgaggtc acccaccagt ttgtgaagtg ctgatccctc ttccttccag 240
 tttgccttta aaactgagaa aaggacaaag tctcttaagc agcanancca cagaagctcg 300
 ttcttttgac cttggctcct ggtggctntt accaaacctt tcacaatctg cattgctgga 360
 ctttattaca gcttnccaag ccccatcaat aaacccttg tcaccctgc 410

<210> 134
 <211> 231
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 134
 agtatttatt accccccct atgccctcat ttttttaaaa aaggaaaaaa aaaagaaact 60
 gggttccagt cttaattcat ttccgtgcc aggttctatt tcgtgtgtgt gtgagtgtgt 120
 tctgttttgt gttttgtttt ttgttgttgt tttcagttgt tnggttttct tttctttccc 180
 ccctcccgtt ccatacttc acagcactnc tgggtcggga agaagcagan c 231

<210> 135
 <211> 223
 <212> DNA
 <213> mammalian

<400> 135
 aacactgtta atgctgtaag tgaaagttca ctgtcgtctg tataactaaat ttattggtgt 60
 ttctaactta aaagtaagac tgcagattat cccccaccag ccttagtcca ggggtgtggc 120
 tctgtccggg tgcagtatgc agtcatgtgg aaccttgctt tctagtcttg ggaaaaaaaa 180
 gatgtctcta attctggctt caataaacac cgaatccaga ctg 223

<210> 136

<211> 216
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 136
 nataagttct cntgttctat agtactgtag atgactatag ttaacaatac tatattatgt 60
 agttttaaatac acctaggagt agtttgaatg ttcccaacac aaagaaataa taaatgtttg 120
 agatgataga tatgctaatt accctgatct gatcaccatc tacatgtact gaaacatccc 180
 cgtatagcca tgaatatgta taatctttgt caattt 216

<210> 137
 <211> 442
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 137
 ggtaggtggg tttgcgggtc aggactgctt ctggaagggg ctgcctgtac ttctgtacca 60
 ccgttgccct ttacactttg ctcagggcgg ggtgggggaa gcattcaaac aaaacaagga 120
 agggaaactgt ctggcaaagc ataagtggat gcattccagag ctgagtcccc tttaatcttt 180
 tgtctctggg cggtctgctg cttcctcata ccggggacat ggcattccag gtcagcttgg 240
 atgtggtctt agaggcaggg agtgcctacc cagtcctgcc tcaggagcag ggtgagtagc 300
 taaatacaga cttaggcttt tttttcccc cttttaagat gctngctcct ctcccttttc 360
 tttttaccac cctaccttta ttgttaagtg gggtacaaag tgacccatat tatgactttg 420
 ctgtaaataa agacagacaa aa 442

<210> 138
 <211> 426
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 138
 ggtagtatttt agagaagacc aatagacaat aaaaaatgat aaaggggata ttaccactga 60
 ccctacagaa atacaaacta ctatcagaga atactataaa cacctctatg caaataaatt 120
 agaaaatcta gaagaaatga ataaattcct gcacgcatac accctaccaa gactaaacca 180
 ggaagaantt naatctctga atagaccaat aagctctgaa attgaggcag taattaatag 240
 cctacaccaa aaaaaagccc aggaccaaat gggattcaca gctgaatcta ccagaaatac 300
 agaggagctg gtcctctcctt cagaaattat ttccaacctt ttgaaaaggg aagggaactcc 360
 tccttactct tttattgagc cngcatcatc ccaatnccca acctggaaga gacacagcca 420
 tatcat 426

<210> 139
 <211> 340
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 139
 nttcaactat acctagggct acagtaacca aaacagcatg gtactgggtac aaaaacagac 60
 acatagacca gaatagagag cccagaaata aagctgcaca cctacaacta tctgatctcc 120
 aacaaagctg acaaaaacaa acaatgggga aaagacttcc tattcagtaa atgatgctgg 180
 ggatancttg gatagccata tgcggaagat tgaactggga tcctttcctt ataccatctg 240
 caaaattact caagatgaat taaaagactt aatgtgacct caaattataa aatctgggaa 300
 gacacctagg gcaatccctt ctgcacacag aaaccagca 340

<210> 140
 <211> 339
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 140
 ttntaaacca gtacgtagac tggttcccta gtgctttcct tgtctggaag tctccagagt 60
 accaagagca tactccatac cctgcgtggt ggagaaaatc tgcttggtca gaggagctcc 120

aaattgtaga tggtttaaaa atatttttagc ctggatgagc cccatcagca gcactcacac	180
acctaccctg ttccacataa attcttgctg tgccgtagtt cacactttaa gcattctggt	240
ccttcctca ttgacctggt taacttttca gtacactaga tatgggcat gtcaagctgt	300
aattcattct ttgntctgaa aacaaccttt tggcaactc	339

<210> 141
 <211> 369
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 141	
ctatntgtgc atatagcat gtacatcgca gtgcttttat tttgcaaag tccaattatc	60
aggtcacatt ttataacac ttgtgtatgt tgtatgtgct gcttcagaac ccaagcatat	120
ttctcttagt taggggccgc cttgttgccc aaatgaagaa aattagcagg gaagtgcagt	180
atgttggtcca ttgaatgtta catacatgta atgtctcaaa tacattataa ttggaagttg	240
taatctgagt gagccctttg agcatgtaat aaatatcttt tagaacattt tangtatcat	300
tttaaagtgt attttaatcc ttataaaaac atttaattta ttttgacata ccttttgng	360
aatcctaag	369

<210> 142
 <211> 218
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 142	
ttttnggctc ctatcagtag ttccatctgt ggggctcgca gtaatataag cgacctgttc	60
tgggacacag cactgggccc gctggggttt tagtagggca gccccttccc tgcaggagtg	120
aggcatggtg acagcagtc cctatgtgcc cccaagtcac ctgagcattg gtgtgcatta	180
aggtaactcaa tcttccaaca ataaatacca taagtgca	218

<210> 143

<211> 353
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 143
 cttttccgct ccacattcct tttagcttga ccagtctaata ttaaaatgtg tttgttggag 60
 gtcattaacg ntacttgtac aatgctgtca ctgtgtgaca tccatatgaa ttttgggtata 120
 tatcaatcaa tcaatcaatc aatcacattg cattcaatca atcagctgtg attgattgat 180
 tatgcttana aatactatac tatagtaact agatgcagtg tgaatttttt ccattaacaa 240
 acaaacaaac aagtcagtggt cttaaagtgtg attatgggtcc tgcaaggtga ttcttgctaa 300
 aatatctaaa cttttgtttt gttttaactg aatcattttt taacttaaaa agc 353

<210> 144
 <211> 313
 <212> DNA
 <213> mammalian

<400> 144
 tagcttcaag aagaatgatt attmattcgt cagaacagtc cacagtttct gatcataatt 60
 ctaatgattt acttcctcag gaatgcaata tggataaaac acataccatg gaattgctac 120
 caaaggagaa gtttgtatcc agaccacca caccaaaatg tgttattgat attacaaatg 180
 acactaattt agaaaagggtg gtcaggaaa actcaagtac ctttggcctt cagacacttc 240
 agaaaatgga tcctaattgtt agtgattcaa aacactctat tgcaaagca aaattcttgg 300
 aaacagcaaa aaa 313

<210> 145
 <211> 364
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 145
 tcgccaggaa gataaaaaac atgaagaagc agagaagcgg aagtctgttg acactcagct 60
 tcaagaanat atgattattc attcgtcaga acagtccaca gtttctgatc ataattctaa 120

tgatttactt cctcaggaat gcaatatgga taaaacacat accatggaat tgctaccaa	180
ggagaagttt gtatccagac caccacacac aaaatgtgtt attgatatta caaatgacac	240
taatttagaa aaggtggctc aggaaaactc aagtaccttt ggccttcaga cacttcagaa	300
aatggatcct aatgttagtg attcaaaaca ctctattgca aatgcaaat tcttggaac	360
agca	364

<210> 146
 <211> 451
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 146	
ncaggaccca ctcttattgg ccaggcaggg cgctcccaca gagctttgag taacttcttg	60
gntgtgcagt ctgcaggcaa tgttggcatt gtaaattcct cccttgacgc ctccctcatg	120
tggtgagggg atcacttcag ctgcctgctg tggacaaaga acatcanatt acagcatcac	180
gagtgtctatt gttgcctgng gnggtctccc tgtccaagcg ggaccgnttt gcagagacca	240
gaggcatatc gcggcttgag ctgaanatgc atttgttgca gcttaggttg aattatTTTT	300
cgtttgcctt ttcttctaca ccgcgcctga tggatagtga acctattcat caaanaagtg	360
cactgtctct ctgnctattg naccgactta acctcttcca ccagtcgcgc atctgtgtgt	420
anatcaataa cgntgngtgc tttgantgcc a	451

<210> 147
 <211> 434
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 147	
acccgcgntt tattggcagg cttctagagt cccaaggctt ttgtggggag gagaatggac	60
aaatttgatt taaggatcaa ctttcaactg caaatcaaa gaagtataaa aattgtagaa	120
tgaatttaca acttggtttt acaaaattaa ttgacaata aagtcattgt agcaatagac	180
acgggatcct ttaataaagt caagaaactc aagtttctaa acctgatgtt gagcttcacc	240

cctattccct atatcactgg tgggttggtg tgatcatgttt tctccaccct ctggaccacg	300
acattgttgt ggattcttcc atggaaaagc cctaactgtt attactgtgc ttgttatgtt	360
gtctcatgca acaacattcc tatatttatg gaaatgccag acaagttttg tctgtttggg	420
tataaataaa cctt	434

<210> 148
 <211> 460
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 148	
nccttaggcc ntctcanant tggcagaatc gcaacttcta agatactact agatttcgac	60
ctagtaatac taaatccaaa aaggatgtta aacttgaatt ttttggtttt gaagatcatg	120
agacaggagg tgatgaagga ggttctggaa gttctaatta caaaattaag tattttggct	180
ttgatgatct cagtgaagc tgaagatgat gaagatgatg actgtcaagt agaaagaaag	240
acaagcaaaa aaagaactaa aacagctcca tcaccctcct tgcagcctcc cccagaaagc	300
aatgataatt cccaggacag tcaggtctgg tactaacaat gcagaggact tgcttgggtg	360
gcctgaaagt gtgaagaagc ccataaataa acaaggagat aaatcaaagg aaaatccaga	420
aagattttta gtggcccaac ggtaccaca aagctgatat	460

<210> 149
 <211> 286
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 149	
cttgntngac cgaactgttt ctttccttgg aattttcttg gccaaatgca ttcaagacaa	60
tagacttggt gacttaccta tttctaaacc tttttttaa cttatgtgta tgggtgacat	120
taaaagcaat atgagtaaac tgatttatga gtcacgaggt gatagagact tacacntgta	180
cttgaaagtc agtctgaagc ttctacagaa gaaggtcatg attcactctc ggtaggaagc	240

tttgaagagg attcaaaatc agaatttatt cttgatcccc ctaaac 286

<210> 150
 <211> 335
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 150
 ncatgcttat tctcagggtt ttcttagaaa ggatatngtg tcaggagatg aagatgtatt 60
 cttttcttgc attggtgacc tgtagtttac actgtgtaaa tgcaaaaaaa aagccctata 120
 gtgagtcgta ttaaatacga ttccccgggc cgccatggcg gccgggagca tgcgacgtcg 180
 ggcccaattc gccctatagt gagtcgtatt aaatcgaatt cccgcggccg ccatggcggc 240
 cgggagcatg cnacgtcggg cccaattcgc cctatagtga gtcgtattac aattcactgg 300
 ccgtcgtttt acaacgtcgt gactgggaaa accct 335

<210> 151
 <211> 418
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 151
 cccttngggc cggggnncat ttnacaagag actaactatc ctaanatatt tgcacccaat 60
 acaggagcac caagattcat aaagcaagtc ctgagtgacc taaaagaga cttagactcc 120
 cacacattaa taatgggaga ctttaacacc cactgtcaa cattagacag atcaatgaga 180
 cagaaagtca acaaggatac ccaggaattg aactcagtc tgcaccaagc ggacctata 240
 gacatctaca gaactctcca ccccaaaaaa aagccctata gtgagtcgta ttaaatacga 300
 ttccccgggc cgccatggcg gccgggagca tgcgacgtcg ggcccaattc gccctatagt 360
 gagtcgtatt acaattcact ggccgtcgtt ttacaacgtc gtgactggga aaccctg 418

<210> 152
 <211> 289
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 152
 ccccnttcgn ttncctttgg cncgggacgg gttggtagtg gcagacgatg aggtgtgagg 60
 ggcagaggaa taagaaattt antgggtttt attcagactt tattatttgg gcatgagcca 120
 ttggtgatta actcaatctc cagccccctt gccctccctg aagggtgggg aggcaggaag 180
 tccatccctc tgatcatgcc ttggtctcca tccccaaac cccatcctga agctacctag 240
 ggcccccaat accgagtcac ttcatagag aaggacattc attnctcca 289

<210> 153
 <211> 266
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 153
 ngnttccct tgggcccggg ncatttaaca aggaanacta acctaataa tatgcacca 60
 atacaggagc acccagattc ataaagcaag tccttagaga cctagaaaga gacttagact 120
 cccacacatt aataatggga gactttaaca cccactgtc aacattagac agatcaacga 180
 gacagaaagt caacaaggat acccaggaat tgaactcagc tctgcaccaa gcagacctaa 240
 tagacatcta cagaactctc cacc 266

<210> 154
 <211> 409
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 154
 gcccggncc ntntaacaag gaggcntaac taccctaaat atatatgcac ccaatatagg 60
 agcaccagga ttcataaagc aagtcctgag tgacctaca agagacttag actccacac 120
 aataataata agagatttta acaaccact gtcaacatta gacagataaa tgaaacagaa 180

agttaacaag ggtacacagg aattgaactc agctctgcac ttaagcggat ctaatagaca	240
tctacagaac tctccacccc aaatccaaca gaatatacat tcttctcagc accacaacac	300
acctattcca aaattgacca cataacttggga agtaaatctc tactcagcaa atgtaaaaga	360
aaagaaatca taacaaactg tctctcagac cacagtgcaa tcaaactag	409

<210> 155
 <211> 339
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 155	
cccttgtacc cagatccttt nccagtgcac cccctttccc caagcgctc cttctcctct	60
gtgtcccttg tattgggggtg ctactacctg gttccccatc tctacttac ctaggaacca	120
cctccagagt tggcagaagt tgggagacat aagggcggac aggcacaaag tggagtagag	180
tgaaaagaca caggctttac agttaaaagc cctgtgttta ggccaggtgc ggtggctcac	240
gcctgtaatc ccagcaattt gggaggctga ggtggacaga tcacaaggtc aggagatcga	300
gaccatcctg gctaacacgg tgaaacccca tctctacca	339

<210> 156
 <211> 325
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 156	
cnttctgtga cgcnaacctg gaaatactct tctcaacatt agccttggca aggaatttgt	60
ggctaagtcc tcaaaagcag ttggcaacta aaagaaaaat tgaccaatga gacctaatga	120
gagagcttct ggacagcaag agaaactatc aaggagtaga acagacaacc tacagaatgg	180
gagaaaatat tcacaaacta tgcattcaac aagggtctaat gtccaaaatc ttaaggaact	240
taaatcaact agcagataac cccattataa agggacaaaag gacatgaaca gacactttct	300
caaaagaaga catacaaggt agcca	325

<210> 157
 <211> 351
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 157
 acccattctg tgggtcaaag caagtcataa ggccatctca gtttcaagga gaaaggaaat 60
 aagctctacc tcttgagggt aggaatcaca aataatttat ttctatttca gtctaccgtt 120
 gacctatcct ttaaaactgc attccttaaa aaaacagtta aataatacgg gaactttact 180
 gttctcaagt attttgtgta aagattgaaa gctacnggaa gcattgagca cttgatatac 240
 ttttgttttg aaattcccat tttaaccgtg tgcagttcag tggtttttag tatgttcacg 300
 tgattgtgca aacatcatta ctatctaatt ttagaacatt atcaccccaa a 351

<210> 158
 <211> 440
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 158
 tgtaccacaca ccaggnttcc agtgaacag tgggctangg gactgggccc cccacagaca 60
 ctgaggaggg tgtataaaga gtcagcggct gaggccctga caagcctgtg cttgcgctgc 120
 gggcatttat tcagtataga tttaatgaca aaggtcttga gtcaacacac ttgtggggaa 180
 ttcacatggt cgtgcttgcg cccaccccca cccccgcta gtcttgcatg cagatgattt 240
 aggccaggtt ccatggtcta agtaaaactaa cttacttaga tgagtttctt tacatccctt 300
 tgttacctaa cctaaagttt caggcaccag ataagacaat ctggcttgcc ttcagccaaa 360
 tctttttccg aagcttttgt aaaaccttcc agccttccaa gaaggttaca tctttctaca 420
 atttttccac cccctgactg 440

<210> 159
 <211> 281
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 159
 aatatctgca ttattagtat ttttctttaa attggatcac ttttttctt acctangtaa 60
 atatatctta aaaggaaact atattactgg cttaaattgga aagctattat cacttggtat 120
 gcagggaagg tgaccataaa aataatcaca atggagggcc ntggcacagn ggcttatgcc 180
 tgtaatccca gcactttggg aggtcgagac aggcagatca cctgangttg ggagntcgag 240
 accagcctg accaactgg agaaactcca attctaccan a 281

<210> 160
 <211> 260
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 160
 tggcaaaaat gtgtgattct ctgctgctgg gtcagaaggc caagagttca gatgccttgt 60
 cccagctgtg cccttgactt tcacaatgac ctgtcagcag ttatttaacc caggtcaagc 120
 cgagtggcaa aatgccgaac accaggggtct ttatagatct taatacctct gcagtaaagc 180
 gggggaaatg cctccatatg aagttttncg tacanctgtc tccttacact ttcttatccn 240
 tttncagtg nccatgcctt 260

<210> 161
 <211> 249
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 161
 aagtgtcaac cttgcagcag gatttggaca ctctgggagc caaactggat gtggaagctc 60
 caaaggtaca gaaaaagaac tccaaaatgt tgacttttac ctctgtcctg ggaatcacc 120
 tgacgctagc tgtcgagata cttatcagtt tttctgcct gatnggacat ttgtaacttt 180

tatncaccta ctntggggga tcaaccagat cttcattcta tactcgtgct ccttgccta	240
attatgtcc	249

<210> 162
 <211> 410
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 162	
gggagctccc ncgtcctcag gaccttgact cggctataat gagaagaatg cctacaagat	60
ttcatatcaa ccagcctgct ttaaaacaga gagaagcaat cctgaaactc atcttgaaaa	120
atgaaaatgt ggatagggcat gtagacctgc tagaagttgc ccaggaaact gatggggtttt	180
cagggaagtg acctaaaaga gatgtgtcga gatgctgcct cctctgtgtt agagaatatg	240
ttaattctac atcagaagaa agccatgacg aaagatgaaa ttccggcctg ttcaacagca	300
gggacctgca tcgggggcaat tgaaaagatg aagaaatcaa aggatgcagc atttcagaat	360
gttttaccac atgtttgttt agattaagaa gtaagatctt ttgtncagtc	410

<210> 163
 <211> 428
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 163	
gtnnntnta gatggccngt gagagctctt tgaaaatgaa aacattctgc tatttgaatg	60
caaagtgttc ttctttgcct gtgatgtttc ctaatctgtg aactcatact ggacctcgaa	120
gctgtctatt aacaaaaaat ggcaaagtgg ctgggcatgg tggctcatgc ctgtagtcct	180
agcactttga gaggctgaag ggggcnggat cactttgaga ccaggagtgc gatgccagcc	240
tggccaatat gtgaaactcc atctctacta ataatacaaa aattagccag gtgtggtggc	300
atctgcttgt agtcccagct actcaggagg ctgaggcaca agaatacattt gagctcagga	360
ggcagaggtt gcagtgaact gagatggcac cactgcactc cagcctgggt gacagagggga	420

ggctctgt

428

<210> 164
<211> 303
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 164
agaatctaatt ggaatgaatt agttctgtag atgacaattt cttcacccat ttatgagacc 60
taaattctttt ccataacact catgtattca gtataacaac atactaactg aaagagggac 120
ctgattgtttt aaagtttgat tgcagacact ggggnancata actcattatg tttcagataa 180
ggtaactcct agatatcaaa ctaatttggtt ggggnagaga ttttacangt catgccatta 240
caagatttttc tctgatatta tatgtgcagg tcagttncaa gatgaaatca tgttttttta 300
aca 303

<210> 165
<211> 411
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 165
agtgatttaa tacgactcac tatagggctt tttttttttt caggcntgcn cagcatccct 60
gtgctggagt ttatttttaa aancancncc ccagttatca cagtttcttt tttngttcac 120
cattttccat aacnttntaa cctacacaaa atttgggggg agatcctctn tttggagact 180
gacncatttg cagaggggtc atgaataatg attccaaagc tcctatttac cttctgaatc 240
aggcaaagaa tangngacan tntaanaatg aattttgttt ccggcagtnt cattaatncn 300
ncattggaat cnttnccggg gcnggggggt ggaaattaan ncccccaana aaantttttt 360
agccccgacc cccnanccac ttaaattccc actggttcca accaaaagaa c 411

<210> 166
<211> 404
<212> DNA
<213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 166
 gcggataaca atttccacag gacgactcca agtgagggcg gccaaagtcct cgctgagcag 60
 agaggggagcc gttcatgtca gagactcact gccagaaaag ccttaccat tttgggttttc 120
 actattgaga ccgcaactgc ttgcactgat cattttgggt ccgtgagcag ttggtgattt 180
 tagttggtct ggtgttcggg ctaagaatat tttattgtgg acttaattac aaccctgcct 240
 gtaatgattc aatgctgmat tatgatattg ctgnaaacia aattcattct tatattggca 300
 cttattcttt gnetgattca naagttaata ggagctttgg aatcattatt catgaccctt 360
 ttgcaatgtg tcagctccaa naaagntttc cccaatttg ngac 404

<210> 167
 <211> 403
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 167
 gtgattagcg gataacaatt tcacacagga cgactccaag ggtaccagct catagttgtg 60
 ggggctatat acttttatga gtttgatctt taggagctct aactactagg tcctcacagt 120
 aagtatcaga tgannagtc ctcttgtgct tcttggtagg aggaggggaa aaaactatta 180
 taaaataagc cagaggtggg aggatcactt gagcccagaa gtttgagacc agcctggaca 240
 acatagttag atcctatctt tacaacaat taaaaaaaaa ttaagccatg catggtggcg 300
 catgctggtg gtcccagctc tcangttgaa taggagcntc gcttgggccc angaggcaag 360
 gctgcagtga ccatgattat atactgcctt cagctgggtg aca 403

<210> 168
 <211> 290
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 168
ccagactctt tgtgatgtag cttttaggag gcactcaggt gncacggcta nactgcagct 60
atgagacaga tctggcttcn atccaanagt tgnatgcac ttgctgtgtg accttgggca 120
agtcacttca cttctctgag ccccggttc ctcactctgta caatgnnggt tacgatacta 180
ctacctcata ggggtntcct ggggatccag tatgangaag tgcncagggt gcttggcatg 240
gtgcccggca cggcaaaaag tgctcaataa atgtttttgt cntaacngna 290

<210> 169
<211> 473
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 169
tccacgactc tctacnmatg ataactcaat tcaaagtgtg tagcctaaag ctctggaact 60
ggatttccaa ccagctgacc gaactcactg accagtacag gcatgggttat ttcaacatta 120
atagcatgtc aactggactc ctatttgtaa atgttatcaa tctaagcaat ccagctcatc 180
agtctactag tttgcttctt tccnagagat gtcaagtcct caagaatttg atggcttctt 240
ctgcagctat aaccacaagg aacctacaca ttgtaactca ngtcactgc tggctcatga 300
aatgtgtaaa gtagaaccct ccttcccag agataagaca ggacaataaa aggtggcggt 360
tttgtacttt acctggattc cattggctgg ttttaccact cctatcagat tgtagtgtaa 420
ttgtgtgatc gcanaccatt anttttccca gtgatgattt aataaaatta tga 473

<210> 170
<211> 386
<212> DNA
<213> mammalian

<400> 170
cacgaccgta ataccagcc catgtttggt gctctgctga gtgggctgcg agaagcggga 60
agaattgcag accagttttt gggggccatg tatacgtgc ctcgccaggc cacaccaggt 120
gttctgcac agcagtcccc aagcatgtga gacagatgca ttctaaggga agaggcccat 180
gtgcctgttt ctgccatgta aggaaggctc ttctagcaat actagatccc actgagaaaa 240
tccaccctgg catctgggct cctgatcagc ttgatggagc tctgatttg acaaaggagc 300

ttgcctcctt tgaatgacct agagcacagg gaggaacttg tccattagtt tggaattgtg	360
ttcttcgtaa agactgaggc aagcaa	386

<210> 171
 <211> 233
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 171	
tcaccacaca ctagccttga tatttgtggc tcccgcctctc tcactcccc agttcctttc	60
agacatcttt agtttaaggg tgagctgaaa ttaagaagtt ggaaatccta accangtgtg	120
gtgggattcg cctgtaatcc cagctacttg ggagactgag atganaggat cacattgagc	180
ccangagttt gaggccngcc tgggcaacat ataccctccc ctgacatctn tga	233

<210> 172
 <211> 215
 <212> DNA
 <213> mammalian

<400> 172	
tcgcctaggg aaaagagagt taacggatac aaattacagc tagaaagatg ggaagagtga	60
attccagtgt tctaaagcag ggtaggtgac tacagttaat gattatttat tgtctactta	120
ttgtatatta ttgtatattt tcaaataattg tatattttca aagaggattc tgaatgttcc	180
caacacaaca aaataataaa tatttgaggt gatga	215

<210> 173
 <211> 267
 <212> DNA
 <213> mammalian

<400> 173	
tcgcctaggg tgacctgtta tggaccccca aattctgaga gttcctgcaa caagaatact	60
gctgttgaca ctccagtgga aatcccagca gccttgtag tgcacttgaa agtgggagaa	120
tgctgaccct gatgacttgt actgattcct gagccttaac actgtgctct ttccttctgt	180
atataccatg gtcttacttt ccaactctgt acagatttat ttatggagga gctaggtcca	240
taaatgttgt aataaatatt cctttga	267

<210> 174

<211> 423
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 174
 ggatagtgc cgtgacttnc taacgcataa tattctgtga tacagccttc cgtacatgtg 60
 tgaagtcctg cataactttc gaactttgtt aaatgttggc actaggagtc atcagatcta 120
 ggcttcatca ttttccagtg agaagcagag acccaaaggg cctgttactt gtgcttggtc 180
 aggggactgt ctgtcatgcc tggaggctct tcggcacact tccccatctt tcccttctgc 240
 acttgtggct ttcaagcacc tctgttcata gagcgtctct gaaattgagt ctcggtcatg 300
 acttatcccg aagtagagca atgtgtttcc tctcattgta gtttcaggac tttgtcagta 360
 caaagctctg ccctaggctt gttactttat actcatatcc tgaaaagatg tgatttcac 420
 tat 423

<210> 175
 <211> 503
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 175
 tcccntatat gcgccaagnc tgttttggct aatccccata cattaatttt agatattctc 60
 tattttatgg atagcatttn ccttgtaccc tttaaaaaag acatgtgaaa tgattgacaa 120
 attaaagcac aatgaaaata agatataaat gaaatcagaa gtaagttagc tttaaaaaaa 180
 aaaaaanagt ngggggcana nanctgttn tttgtccan agncnggcct tntttctttt 240
 taangacctn cancaccttt ntngaccaa gataccctaa ngaccttaa atngatntgg 300
 ancangtcnt tcantctccc tgccctntca gttggctcat aggctctggc agctaagggc 360
 cctgtntccc taagagggtt gtttctcggg nctaatgaca caanganngg cacgggggnt 420
 aatttgncc ggngatgggg ggggggtcaan cgtcccnccc accttncacg gggngngngg 480
 ggggctcccc cctaanntta ncg 503

<210> 176
 <211> 203
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 176
 nttttggctc ctgggttgac aatnnggtgg aaacagctnt attgctacta tntaaaaaaa 60
 atcagcaaat ctttcccttt aagctatggt aaattcaaac tattcctggc tattcctggt 120
 ntgtcaaaga attatatttt tcaaaatatg tntatttggt tgatgggtcc caggaaacac 180
 taataaaaac cacagagacc agc 203

<210> 177
 <211> 444
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 177
 gtcctctgct gccctcagga taaagtctgg gaccctcag catggcttgt gagactcatg 60
 gngtccttgt ccctgctcac ctctctgggc tcatcacttg cttcttgca ttctgggtcc 120
 cagcctcttg tatccagaga tgcagtggct ctccattgcc actctgattc ctctttctt 180
 ttggtcacag agaaagggtg ctttctctgt caaanennna cttacacttg acttctcca 240
 aggagctnan ggctatactc tnttctcccg acccccaccc tggcatacta cacagatcac 300
 tctgggtca cttgctgcc taatgggtcat ctcccagta gactgtaagc tccttgaggc 360
 caaggattgt gttggaattt ttgtattaac agtgccctgnc ttgngctgc acctagaaag 420
 cactcaataa ntgnttggtta atga 444

<210> 178
 <211> 364
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 178
catacttgaa atccaaggag tctgtgaccg atgcaattct acagacagac cagattctca 60
cagaaaagga aaaggagatt gaagtggaat gtgtaaaagc tgaatctgca caggcttcag 120
caaaaatggt ggaggaaatg caaataaagt atcagcagat gatggaagag aaagagaaga 180
gttatcaaga acatgtgaaa caattgactt gagaagatgg agagggagag ggcccagttg 240
ntggaagagc aagagaagac cctcactagt aaacttcagg aacaggcccg agtactaaag 300
gagagatgcc aaggtgaaag tacccaactt caaaatgaga tacaaaagct acagacgacc 360
ctga 364

<210> 179
<211> 438
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 179
ccagaatcta aaaatgctgc gtatagtgga accttatgtg acctggggat ttccaaatct 60
gaagtctgtc cgagaactca ttttgaaacg tggacnagcc aaggtcaana atangaccat 120
ccctctgaca gacaatacag tgattganga gcacctgggg aagtttggcc gtcatttgct 180
tggaagacct cattcatgaa attgccttcc caggggaagca tttccaggag atctcatggt 240
tcttgtgccc tttccacctc tcagtggccc gtcatgctac caaaaataga gtgggcttcc 300
tcaaggagat gggcacacct ggctatcggg gtgaactgca tnantcacct catccgtcan 360
ctnaactaaa ccaggtgag gcagggctga aaactgncct tgggctgact tttgataggc 420
catgccttgc cactntac 438

<210> 180
<211> 356
<212> DNA
<213> mammalian

<400> 180
acaatttcac acaggataca acgaggaaaa gacattagca aaagacttga ctaagaattt 60
ttacacaaga gaatatccac acggtggctc acacctgtaa tcccagcact ttgggaggct 120
gaggtgggca gataacctga ggtcaggagt ttgagaccag cctggtcaac atggtaaaac 180

tccatctcta	ctaaaaatac	aaaaactaac	ttgggcatgg	tggcaggcac	ctgtaatccc	240
agctactcag	gaggcttgag	gcaggagaat	cacttgaacc	cgggaggcag	aggttgcagt	300
gagctgagat	tgtgccactg	cgctccagtc	tggatgacag	agcaaaactc	catctc	356

<210> 181
 <211> 191
 <212> DNA
 <213> mammalian

<400> 181		
gaagctgtgt	gctctgggta	tttcccatte
gacctgggtg	agttcaggcg	ttgttattat
taggtgtaaa	tgaatgtaag	gtaacagcta
tgtatttttg	a	

<210> 182
 <211> 450
 <212> DNA
 <213> mammalian

<400> 182		
taccaatcaa	tctcggttta	atcaccaaaa
caatctcaaa	agctttggga	cagtgtcata
cttaaacttc	ttaaaactta	agaaacattg
tctgcacagt	gtgatgctcc	aaccctggcc
gtgcatcgga	gagaagccat	gggtaccttc
ggaaggggaag	ttccagcatg	aggtaagtta
gttgaattga	gagcatcatc	tctagatgat
gagaattctc	tctttagtca	gagaagttat

<210> 183
 <211> 302
 <212> DNA
 <213> mammalian

<220>
 <221> misc feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 183		
tgtttatcac	actgctggat	gtcaatgacc
	ccccctcag	tttggaaga
	gcgttcagaa	

gaagacgatg gtgctagggg cccagtgaa aattgaggcc atagacgagg atgcagagga	120
acccaacaac ctggtggatt attccatcac ccatgcagag cccgccaacg tgttcgacat	180
caattcccac acgggggaga tctggctcaa gaattccatc cgctccctgg atgccctgca	240
caacatcaca cctggaaggg actgnctatg gtccttagag gtgcaggcca aggaccgggg	300
ct	302

<210> 184
 <211> 228
 <212> DNA
 <213> mammalian

<400> 184	
tgttggtcct ttcttcctta agtgccaagt gctgagctaa aggaggataa ctttttgggg	60
aagtcatgct gagggtggta gtgtgacctt gcctgaaaaa aggggtctctt accctcccag	120
ccctggctca actctgaaga aggatcttgc tacagaagga gcccttgggc tcccttctct	180
ttgatagcag ttataatgcc cttgttccca ataaaactgg gcagatgg	228

<210> 185
 <211> 443
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 185	
ggcttcctca ggggangggc acacctggct atcggggtga acgcatcaat cagctcatcc	60
gtcaactgan ctaaaccan gtgaggcagg gctgaaaact gcccttgggc tgacttttga	120
taggccatgc cttgccactt tacaagttct ttttgcattt actagtattt aagagtaacc	180
ttgagattgg gaggaataaa ggaggcttgg taaaaataga tgganacctg ctgggatcag	240
ngaagcctg attacgacat ggggctatgc ataagcctaa gagttatagg cttaaagatg	300
tngagtaact aaaaactgta ttgctggccg ggcgcggtgg ctcacncctg taatcccanc	360
actttgggag gccangggcg gcagaccatg aggtcangag attgagacca tcctggccaa	420
catgngaaa ccctgttcta cta	443

<210> 186
 <211> 203
 <212> DNA
 <213> mammalian

<400> 186
gctcctacta caaccgggta cacatcctgg ggggagcctc gaccacacct ctttggtcag 60
atgttcgtcc gcctgcagct tctgagagct gtgcgtgagg tgctccatac tggcctggct 120
atgctggggtc tccctccact gagccacatt taaggccaca gaggctccaa tacctgggaa 180
tgttcacaaa gtcatcaact gga 203

<210> 187
<211> 302
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 187
tgtttatcac actgctggat gtcaatgacc cccccctcag tttggaaaga gcgttcagaa 60
gaagacgatg gtgctagga cccagtgaa aattgaggcc atagacgagg atgcagagga 120
accaacaac ctgggtggatt attccatcac ccatgcagag cccgccaacg tgttcgacat 180
caattccac acggggggaga tctggtctaa gaattccatc cgctccctgg atgccctgca 240
caacatcaca cctggaaggg actgmctatg gtccctagag gtgcaggcca aggaccgggg 300
ct 302

<210> 188
<211> 131
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 188
tctcgttccc gctcaagatc aagacacagg cataggacta gaagcaggag taggacaagg 60
agtaggagtc gagatagaaa gaagagaatt gaaaagccga gaagatttan cagaagttta 120
agccggactc c 131

<210> 189
<211> 274
<212> DNA
<213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 189
 gattagcgga taacaatttc acacaggacg actccaagca aagatcttcc ctgagattct 60
 cctgtgcctc ctgttggtc tctttgcac tggcctcac caccgagtct gtgtcaccac 120
 ctgcttcac ttntncatgg ttggtctgta ctacatcaac aagatctcct ccaccctgta 180
 ccaggcagca gctccagtcc tcacaccagc caaggtcaca ggcaagagca agaagagaaa 240
 ctgaccctga atgttcaata aagttgattc tttg 274

<210> 190
 <211> 157
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 190
 attagcgga aacaatttca cacaggatgg attggtcttc tagtggaata atgccctagt 60
 ttctctgaga tgatgtaagt ggcacgatgt tacctaaggc ttaggcttag cttgatttct 120
 gggcccantg tttgtgttnt taagatgcc cctgttg 157

<210> 191
 <211> 403
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 191
 acaatttcac acaggaacgc tagtgtgtat ctatcatgta tgcaatactt tccccctttt 60
 tgctttgcta accaaagagc atatatttta ctgtcagttg tctcaactct tgaatccatg 120
 tggcngtttt ctctgtcctg ctgcttcttt tggcctcttc gttttccttc tctttttcga 180
 caatggtaga catgaatgag atatttaaag ttcattggaa atcttcttcc ctacagcagt 240
 aagcaaaaat tagcaaagag ataggtctaa atggcctctc agcttggtat gtgaaaatga 300

gatcacatac tttttaaatc caaatacaaa agcatagtct ctgcaagatt ttgttctttg 360
aatttcttga tattgnattg attattgana ctgncatcat gaa 403

<210> 192
<211> 296
<212> DNA
<213> mammalian

<400> 192
ctgaaaatgc agtcaaggct gctggaaagt acagacaaca aggcagaaat tatattgttg 60
aagatggaga tattatcttc ttcaaattta acacacctca acaaccgaag aagaaataaa 120
atthagttat tgctcagata aacatacaac ttccaaaagg catctgattt ttaaaaaatt 180
aaaatttctg aaaaccaatg cgacaaataa agttggggag atgggaatct ttgacaaaca 240
aattattttt atttgtttta aaattaaaat actgtgtccc ccccccccc taaaaa 296

<210> 193
<211> 420
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 193
aggcatctgg tgcccatagc agantctcaa aaggcaggag aangggacga cgatgaggaa 60
aaccttctctg agggagagat ccctcctccc caagacccca gtgaagaatg ggtggattac 120
gtggactctt tggggcgctc ccggcgctgt atgagaaagg atttgccaga tctgcttgga 180
gatggataaa aatcttcagg ggagactttt tattagtcct gctaatgaaa aaacctatt 240
atctgaagat atgaagaaaa gaacttcagc gccagcaatg ggaggaagaa gaaagagagg 300
ccctgaagag gcccatgggg ccgtacatt atgaagacat tcgggaaaat gagggccggc 360
aactnggtgt tgggtatttt gcctttgccc gagacaagag ttgagaacaa gccgatgaaa 420

<210> 194
<211> 327
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 194
tgattttttt agtanccgga tcctgtggac aggggtgcagc tctaccagtt cctgtttctt 60
ctgagccaga ccctcttcag ggaagggacc aattaatttt aaaactcact tgaagcacag 120
ctgggtcatgg ggcttggat aaagttccta tttccaccct gatacttcca attcctggaa 180
ccccagccca ctcccccatc cctcctccct atcaaaactag tataatgatt ttgaatcggg 240
acagtgtgtt taactgtaac taagttcaac agactattat tatctttgta ataaattaac 300
ctagcaataa aaattattct gtttcga 327

<210> 195
<211> 336
<212> DNA
<213> mammalian

<400> 195
agtgattagc ggataacaat ttcacacagg atgatgctac ctctgctgct gcactcacag 60
ccacacttga tacacgatga caccttgctt gtttggaac atctaaacat ctagtagatg 120
acttgcaggc tgttggctac cagtttcctg tctgagggtg atatgttaac ttcgtgatca 180
gtttgtatgt ttgggactct tgtcctatgt aaagttaagg tgggccgggt gcagtggctc 240
acgcctgtaa tcctaacact tgggaggccg aggcgggtgg atcacctgat ggtgaaacct 300
catctctact gaaaatacaa aaattagctg agtggc 336

<210> 196
<211> 368
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 196
cgcctagcgg ataacaattt cacacaggat tttggctccc ccaaaaata caaaccaaca 60
gaaacttggt atgcactcat caaatgtac taatgggtac tctgaactca ttaccattga 120
catctgcatn ntntntnca gggaaaaaat ctcattctt tttccagtac aaaatagtt 180
gtgaaangat gagggcattt tatctgcttg ctgtgaccan cgtgngtaca cataaacctt 240
aacaangact acaagnatat tccacanagg aactcattt gcngnnatca ncctaantna 300
tanacaatta cnaacttcnn aagcnaggng tcttggctan tancgccaca tttagcagct 360

ccacatcn

368

<210> 197
<211> 386
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 197
acgactcact atagggcttt ttttttttcn cataaaaaca agttttaatt tgattgaaaa 60
taaaataaca gtcgtctctg acagnngaga aactatgctc aaangattac tttgaaatan 120
anttttnnnt tatcgtactt tnggattnga catttcatac tgactctcag atagcacata 180
atagagaatc ctccgtcttc taaattngnc tttctctgaa atctgtacaa gtcctttgat 240
aacactatat tattgaaagt ctctggagtg aaacactata cactaattta cagtnataaa 300
tacaaaaaat tggacacggg gggaaaaaaa gttctgattg cctgcnagct gggttctcat 360
cccatggntg ccagtttgnc cagttg 386

<210> 198
<211> 303
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 198
aacaatttcc acaggatttt ggctcctcat tagttatgca aatttctgca gccagcttga 60
atttctctc agaaaatagg acttccttcc tatcacattg tcaggctgca aatttttttt 120
ngtttnatgc ttnggttccc ttattaaact gaatgccttt aacagcacgc aagcacctct 180
tgaatgcttt nttgcttaga aatttcttcc accagatacc ctaaattcatt gctcttaagt 240
tcaaagttcc acagatctct gggncagggg gtaaaatgct gcgaggtttg tttgctggaa 300
cgt 303

<210> 199
<211> 267
<212> DNA
<213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 199
 ttagcggata acaatttcca caggacgact ccaaggaaaa gaaatcatta tatcagaaaag 60
 aaacctgaac ttgtaagttt atcgacgac tattcatttc ttatttgttt atttattttt 120
 attttaaaag gttagtctt gagtcagtat gacntgacta tgtaccgagg acacaatctg 180
 aagagttcct gagaaagtgt atctgcagaa gttagactgc actttggttt tatacatttt 240
 agaaagggag gaggttttat acatttt 267

<210> 200
 <211> 197
 <212> DNA
 <213> mammalian

<400> 200
 tggtcgtctg tataactaat ttattgggtg tttctaactt aaaagtaaga ctgcagatta 60
 tccccacca gccttagtcc aggggtgtgg ctctgtccgg gtgcagtatg cagtcagtgtg 120
 gaaccttgct ttctagtcct gggaaaaaaa gatgtctcta attactggct tcaataaaca 180
 cgaatccaga ctgctta 197

<210> 201
 <211> 498
 <212> DNA
 <213> mammalian

<400> 201
 ggtcgtctac ttttaagggtgc attcaacacc acatttctag cataaagaac aaatttgact 60
 tactcgtgat ggagtgttct gccgtgtttt caggctagca catttcggtg atcattactt 120
 aggtggattc ttttaactca aaacaactca gttttagaat catgtgttta attcatgccc 180
 aagaaccata tcttgtctca aggtacaagt gtagtttcgg ttcagtgaaa ctccaggaaaa 240
 aacattgaag cagctttagt gtttttaaaa taccatgctg agtgactcat tatctttgat 300
 cacacttgct tgaaatttgc acagagaagt aggttgcagc agcttgcctt agaaagattt 360
 ctgagctcta acttattttg tgacctgttg gctaaaattt gacatttata tgccttactt 420
 tgcagtttct tgatcctctg tgaagtcttg agaaagagta ctattgctat ccctcgtaac 480
 aggaagaact tgtgctta 498

<210> 202
 <211> 442
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 202
 atggtcgtct aacagaanta aaatgctgta aatatttgta acaacatntt tttttaacaa 60
 ggccaaaaaa gaaaaaaagg tttttgggaa caaatgaact tataaagtgg ttttatataa 120
 aacatcaatt gtcttgata ttttgataa gcagcagtac cagctttcat ttgtaacagt 180
 ctgtggcatt ggaaaaaaag gagtctgta ttgttgaagt gaattatgtt ataaatgcaa 240
 agagaagata aaatattaaa aaacatattt tctaaatgcg tagtgcattg ttaattcaag 300
 cttctgtaca ctacagtata ttccattttc gttcagtttg tatatttgct gactattact 360
 tgatatctct aatctctttt cctaacaaat atagcattgt agcatgcctt ttaataaatg 420
 tcatgacatc tgtactctct ta 442

<210> 203
 <211> 411
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 203
 ttagcggata acaatttcac acaggagttg caccatgttg gctaggttgg tcttgaaccc 60
 ctaacctcag gtgatccacc ctcttgacc tcccaaagtg ctgggattac aggcattgagc 120
 cacagtcccn ngcccaatac ttaacatctt tgcatgataa aaacctgaac aagttaggta 180
 taaaaggaag atgtctcaac acattaaagg ccctatatga ccggcccaga gctgaaatct 240
 taacaccgaa gagttgaagg ctttttctct aagatcagga acaagacatg gatgccattt 300
 tttctcttc tgttcagtgt tgtactggaa gtcatagcaa gagcatttag gcaagagaaa 360
 taaagacatc taagtaggaa aagaagaaaa acttgcctct ctgattatct t 411

<210> 204
 <211> 490
 <212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 204

```
tagaagtgan gagatggcca cagttagaaa tcgtatgtct gantgaccgc ggctgcttcc      60
gagaaattga tgagctaata aaaaaggaaa ctaaaggcaa aggttctttg gaagtactca      120
atctgaaaga tgtanaagaa ggagatgaga aatttgaatg acacccatca atctcttcac      180
ctctaaaaca ctaaagtgtt tccgtttccg acggcacatg tttcatgtct gtggtctgcc      240
aaatacttgc ttaaactatt tgacattttc tatctttgtg ttaacagtgg acacagcaag      300
gctttcctac ataagtataa taatgtggga atgatttggg tttaattata aactgggggc      360
taaatcctaa aagcaaaatt gaaactccaa gatgcaaagt ccagagtggc attttgctac      420
tctgtctcat gccttgatag ctttccaaat gaaagtnctt gaggcagctc ttgtgggggtg      480
aaaagtattt                                     490
```

<210> 205

<211> 448

<212> DNA

<213> mammalian

<400> 205

```
cactggcatt accgcttgac caggagccct caagcggccc ttatgcaggt gtgacagagg      60
gtcacctct tgccttctag gtcacttctc acaatgttcc ttcagcacct gacctatac      120
ttgccggtta ttcttaggtt atattagtag tgcaacaagg agtaatatta aaagctaattg      180
attaatagtg tttatactaa tgattgataa ttgtccatga tcatctctat atctaatttg      240
tgttgtgact attcttattc tattttcttt attatactga aacagtttgt gccttcagtc      300
tcttgccctc gcacctgggt aatcctttgc ccacacattt ccgggtgggt ctgctctcct      360
cttgccattc tctttctaca cacctgctcc aagttctgac tccactccc tcagcccacc      420
ccagtgccca caaccctcct atctctct                                     448
```

<210> 206

<211> 466

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 206

```
ttttcgctcc aggtanncac tctaaacnta aagaaagctc ttctgtccgg ttactttatg      60
cagattgctc ggnatgttga tggatcaggt aactacttaa tgctgacaca taagcaggtt      120
gctcagctgc atccccctgtc tggttactca atcaccaaga agatgccaga gtgggtcctc      180
ttccataaat tcagcatttc tgagaacaac tacatcagga ttacctcaga aatctctcct      240
gaactattta tgcagctggt accacaatac tatttcagta atctgcctcc tagtgaaagt      300
aaggacattc tacagcaagt agtggatcac ctatccccctg tgtcaacaat gaataaggaa      360
cagcaaatgt gtgagacgtg ccttgaaact gaacagagat gcactctcca gtgactcccc      420
agcaaacaca aggtgcagca ggggtcccaa ggtagctgga tggctg                        466
```

<210> 207

<211> 341

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 207

```
gggcattntt gaagacaaac gatgtagtac aattgaaaga acattaaaca ntagaacaaa      60
gggcaagcct ctcaacctgg ccttgccact aattaattgt gaccttanna caaggaggag      120
cactgaagtc aaataaaaca ttcttttcag taaagcacag agcttgagga ngtgcttgag      180
gaagactgaa attctctgtc caggagggtta aactatatta ttagtaaata ccacaaattt      240
atcagtcctat acaatttcta attagtgttt ctgttcttta gggaggcatg ggtagaacaa      300
atatattaac ttatttttta gactacagac atgctttaat t                        341
```

<210> 208

<211> 405

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 208

```
gcggataaca atttcacaca ggacgactcc aagtactaca aagccatcga gggcaagtac      60
```

tgcttcacca	tgtaataata	acataaatgc	agctacagct	gtggctctac	gggaaccccg	120
aaagttaagt	tatgcntgaa	gtgtgccaga	agccccctaa	agagccatct	tcagttcttg	180
tgcagccact	acgggaactt	cgctccaatg	tgggtgtctcc	caccaaaaat	gaagacaatg	240
gagctcctga	gaactccggt	gagaaaccac	atgagaagcc	agaagcaagg	ggctagtaag	300
ggattatttc	tggcttnega	ggcaatataa	tccccagggg	agcagcaggg	aaaattaggg	360
aacanaacnc	cagttaacct	aaggctttcc	ttagggagtg	ctcnc		405

<210> 209
 <211> 295
 <212> DNA
 <213> mammalian

<400> 209	
tgaaattcgc	tgaaataactt aatgtggaat aggataatat acttccaatg ccctcaaggc 60
tgtgacctta	cagccatttt acatagcaca tcattcctcc tatagggatg aactttttcc 120
tggcacgaaa	agtagccgat ctggttgaag ctttgcttat tgtaacaggc ttttatttcc 180
aggtaatatg	tcttgaaga cttaattctg attagagata tagatattac tggaaactaa 240
ttgttttttt	tctattgcct ctgctttatc aaagaagtaa aacattttaa tcgta 295

<210> 210
 <211> 405
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 210	
ggataacaat	ttcacacagg atggattggt cctttacatg ccagctttgc ttgtgaatcc 60
ttgctttttt	cctctcatca gccttaagtt taggcgtttg ntgttctcca gggatgtaga 120
cagttnnntt	cacaagtcac agttcttccc atanatgagg ccctnntgac ctctgcngga 180
ctttaanaat	ctatgcanat atttccgagt nagtggcctn gnttaaattc ttcctgngtg 240
tttctttatt	ccttaaattg gttggtggga naganganga tgctttggga acccnnnngg 300
nntccttagc	gcnnaggatt gcttttaacn aattanncta aaaagncna cttttcannn 360
cccncnntta	cntanacaaa anagcccctt tngngggccg cattn 405

<210> 211

<211> 412
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 211
 gcggataaca atttcacaca ggatggtaaa gggcatatatt ctgaaagcac agatgggaag 60
 acgggatttg ttccgtgtcc aggtgattat ggtacctcta tgcgcctggc cggcacntgg 120
 ggacagaggc catgaaaatg aatacagcac agcctttgcc tccaagaaac nttaagacct 180
 agtagaaatg gcaggctttt aaaacagggt gttgggatct gatttggtga gtgcaatgac 240
 agagatactc acagcacaaa atgggggaatg agggcgggca ttgggacaca catagcctta 300
 aggggccc aa aggcttttag aactgtattc cctattaaaa catgatttgc acagagcaca 360
 ttctttgctt tggagacctc agaactcctt actataggcc gggcatgggt at 412

<210> 212
 <211> 305
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 212
 cggataacaa ttccacacag gaccaaacc ancaggcgcc ctggcaccgg ggaggcgagt 60
 agttgnactc tgcttgtaga gtccttgagc ccagtttaca gatctggaga gcaggaggcc 120
 attnttnngg acaanggctg gaggatggag taggaccag gngctctgcc atcctaggca 180
 tcattcaagg tcttttatga acactctaca natgtcctcc tgnaantagc anccgagagc 240
 ggcnetcage tcctttctct nctntntttn gtctgatngc cacacacnta tctgctcctg 300
 tggcc 305

<210> 213
 <211> 439
 <212> DNA
 <213> mammalian

<400> 213
 gatacgaaaa atccaattca gcaaaattat atggttggtt tcagtacctc tgaaggtgct 60

atatcaagaa ttctcatgct actctttgag aaaacagatt gcgtttttac ctagaaaatc	120
aactgcaagg cttttttata accttacccc aagtaaaaaa aatacattga aatatactta	180
ataaatgcag actacattac ttgaaaaatg gtaatacaga atgccacttt taatatttga	240
aaatatgaat ttttggtgag aaataatgta aaataaagct tctggtaagg ccttaggcag	300
ttaaattttac atcagtgtaa agtaggatga aaatctgtaa aaaataaaaa caaaaaaaca	360
aacaaaaacc tacaccaaaa aaaccctaac atccaccaat gcatacatat tgatctttgt	420
gctgggaaaa tctaaagca	439

<210> 214
 <211> 393
 <212> DNA
 <213> mammalian

<400> 214	
gtcataaaca aaacagattt gatttttttc ctttatggaa cttaagttct agtgggtggga	60
ggaggacaga aaacagtaaa taactagatt ttgaattgtg ttagcagatg ataactgatg	120
tgggaactta gcaggtagaa ggcaacacaa ggtcaaagaa gccggggatt ccaccttgac	180
tagggagctc agggcaggcc tcaactgagaa agcaccactt gcatgaagga ggtgggaaaa	240
gccttcacct gggggaagag ccttcaggc agagggaaca gccaatgcca aggccctaata	300
gccttgacca ctgcctggta tgtccaaaga acaaggagac ctgtgccagc ggctgcagct	360
gagtgaacca gggatgtagg aatgtgtaga ggg	393

<210> 215
 <211> 408
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 215	
agcggataac aatttcacac aggactgcta ggtagacaag attagatggc aggtaagagc	60
tctttgaaaa tgaaaacatt ctgctatttg aatgcaaagt gttcttcttt gcctgtgatg	120
tttcctaatac tgtgaaatca tacntggacc tcgaagcntg tgtgttaaaa aaaaatagca	180
aagtggcttg ggcattggtg ctcatgcctg taatcctagc actttgagag gctgaggggg	240
gtggatcact tgaggccagg agttcgatac cagcctggcc aatatgtgaa acgccatctc	300
tactaaaaat acaaaaattt gccagggtgtg gtggcgctcta cctgtagtcc cagctcctcg	360

ggaggctgag gcacaagaat catttgaact caggaggcag aggttgca 408

<210> 216
 <211> 308
 <212> DNA
 <213> mammalian

<400> 216
 tagcggataa caatttcaca caggactgct aggtagaagg aaacaagcat ttatcctaata 60
 tttcttgtat agactgtacc tcagggtatt caaatattga taaggaaaaa gtaattcttc 120
 atgaaataat tctagctaac aagtagaatt ataataccat catttgcaac cctaatagaaa 180
 caataggtcc gagtggtatc aatggctgct aaaagcattg catgaaaagc cagtgggaaa 240
 ttttgtaatg gatgaatcta gctggcccca ttgatataac ttaatgttac aaaaaggag 300
 atgactct 308

<210> 217
 <211> 404
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 217
 tagtgattag cggataacaa tttcacacag gagctagcag acaagctggt tttgtaggtg 60
 cagaatTTTT ggacaatatt tcaagaaact catgagagtg tgTTTTacag gtatgtaggt 120
 ttgtgtgtgt gcacatgtgt gcatgtgtgt cnttaatttg gcatcattat gcacttgtcc 180
 aactccata atactagggt atagtcaaaa tttggctttg gccttatgtg tctgtggct 240
 taattatgtt ccacttgata catattattt gcttacacag aacagacttt tgctgtgtag 300
 gccagctttg ggaggcaaag ctgccaatct gaatctttct cctcaciaag acttcactgg 360
 atagaaacca caaagcaatg tttaaacaag caaagtgtgc taaa 404

<210> 218
 <211> 368
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 218
taacctggta gtttatcatt ctcgcatcca aagggtactc aatattggta acatcctctc 60
ctgataagca aaacngtcct gccatctgta ttcattgtga ataacaacat tgtcatctac 120
acagcctctt aagctgaaaa ttttgatata tgctaactct ttactaccg tataattaaa 180
cattcattta ttcacacatt tctcnaagct ttgaccatct aaacagatac tggcttatgt 240
gttangaant ataagaaagt ccttgacctc anggagttta tagnttaatt gganagattg 300
acagtnatatt tccagaaant taaattatat ccatgtgatt ggccgcncat ggctatgcct 360
tatccacc 368

<210> 219
<211> 426
<212> DNA
<213> mammalian
<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 219
taggcattat agaggcnmag agactctttg aaaatgaaaa cattctgcta ttggaatgca 60
aagtgttctt ctttgacctg gatgtttcct aatctgtgaa atcactactgg acctcgaagc 120
tgtctattaa aaaaaatagc taagtggctg ggcatgggtg ctcactgctg taatcctagc 180
actttgagag gctgaggggg ttggatcact tgaggccagg agttcgatac cagcctggcc 240
aatatgcgaa acctgcctc ttctaaaagt acaaaaatta gcccggtgtg gtgacatctg 300
cctgtagtcc caactactcg ggaggctgag gcacaagaat catttgagct caggaggcag 360
agtttgacgt gagctgggat ggcgccactg cactccagcc tgagtgcag agtgaggctc 420
tgtctg 426

<210> 220
<211> 307
<212> DNA
<213> mammalian
<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 220

tgtagttaat ctcaagagaa tttggggcctt ccaagttggtt cgggcccaagg acctgagacc	60
tgaaggggttg actttaccca tttgggtggg agtggttgagc atctgtcccc ctttagatct	120
ctgaagccac aaataggatg cttgggaaga ctctagctg tcctttttcc tctccacaca	180
gtgctcaagg ccagcttata gtcatatata tcaccagac ataaaggaaa agacacattt	240
tttaggaaat gtttttaata aaagaaaatt acaaaaaaaaa aaannccntn tagngagtcc	300
naattaa	307

<210> 221
 <211> 409
 <212> DNA
 <213> mammalian

<400> 221	
agaaggaaca atggtcgtgc caaaagggcc gcggcccggtg cagcctattc gctgcactaa	60
ctgtgcccga tgcgtgcccga aggacaaggc cattaagaaa ttcgtcattc gaaacatagt	120
ggaggccgca gcagtcaggg acatttctga agcgagcgtc ttcgatgcct atgtgcttcc	180
caagctgtat gtgaagctac attactgtgt gagttgtgca attcacagca aagtagtcag	240
gaatcgatct cgtgaagccc gcaaggaccg aacacccccca ccccgattta gacctgcggg	300
tgctgcccga cgtccccac caaagcccat gtaaggagct gagttcttaa agactgaaga	360
caggctattc tctggagaaa aataaaatgg aaattgtcaa aaaaaaaaa	409

<210> 222
 <211> 333
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 222	
ctntgggtaa tcnccctggc cttggctgcc ctcttggtt tggacagga agtgccagt	60
gcagcaggaa agctcccttt ctcaagaatg cccatctgtg aacacatggt agagtctcca	120
acctgttccc agatgtccaa cctggctctgc ggactgatg ggctcacata tacgaatgaa	180
tgccagctct gcttggcccc gataaaaacc aaacaggaca tccagatcat gaaagatggc	240
aaatgctgat cccacaggag cacctcaagc catgaagtgt cagctggaga acagtgggtg	300
gcatggagag gatatgacat gaaaaaaaaaaa aaa	333

<210> 223
 <211> 232
 <212> DNA
 <213> mammalian

<400> 223
 cccttgccag ctgtagcct tagagtgatt gcagtgaaca ctgtttacac accgtgaatc 60
 cattcccatc agtccattcc agttggcacc agcctgaacc atttgggtacc tgggtgttaac 120
 tggagtcctg tttacaaggt ggagtcgggg cttgctgact tctcttcatt tgaggtcaca 180
 tttttccccc gtgggggaaat aaactgactt tggactgctt caaaaaaaaa aa 232

<210> 224
 <211> 463
 <212> DNA
 <213> mammalian

<400> 224
 tcttggttttc ttcctcctcc ttaagcctct gctcctcgtc ctgtttgtcc ttcatttggt 60
 tctctgctgc ctttggttacg cccacgtct cgttgccaaa ctctcagcg tatgcctcat 120
 cgttggtgat gaggaagttg tcaaagatgg tgccagactt gacctgccag aggtccaggc 180
 ccagcacgcc aaagttatca taggcataga tacatgggat cgggagaata ctcgggggtg 240
 tcaatttctg ggtggatcca agtgcccttg taatctgggt tgtcgatctg ccggggcttc 300
 cactcaccct tgtactcagg gttctgaatc actggggggt ccactctcc gtccatctct 360
 tcatcccagt cctcgggctt cttagcatca gggtcagggg tatgctcggg cttgtcccag 420
 tcctcaggct tggagtcgtc ctgtgtgaaa ttgttatccg cta 463

<210> 225
 <211> 388
 <212> DNA
 <213> mammalian

<400> 225
 cgtcccctga cgagttctat gtatgtccct ggggaagctgc atgatgtgga acacgtgctc 60
 atcgatgtgg gaactgggta ctatgtagag aagacagctg aggatgccaa ggacttcttc 120
 aagaggaaga tagattttct aaccaagcag atggagaaaa tccaaccagc tcttcaggag 180
 aagcacgcca tgaaacaggc cgtcatggaa atgatgagtc agaagattca gcagctcaca 240
 gccctggggg cagctcaggc tacttgctaa ggctgagag tttttgcaga aatggggcag 300
 agggacaccc tttgggcgtg gcttcctggt gatgggaagg gtcttgtgtt taatgccaat 360
 aaatgtgcca gctgggcaaa aaaaaaaaa 388

<210> 226
 <211> 494
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 226
 ctcttctctg tctaccttaa tcatgaaacc gaatnntngg ggtngtattc tccccaccct 60
 canctctctc tgttctcacn agggatgtga gggaaactgaa cnetgggtgcc nngctangng 120
 gtangggcct ctccctcact gnnngactgn agctggnetc ctgtatacct ganggggtccn 180
 tctntntagg gnetcctgta nggcttatga ctgtgaatcc ttgatgtcat gattntatgt 240
 gacnattcct aggagtcctt gcccttagag tntgagcagg gctggacccc aanccctctc 300
 ctcttccatg gagagaagag tgatctggct tctcctcgga cctgtgngaa tatcattcta 360
 ttaatggntc ccgagacgtt ntttgggtgaa ggangnccat ccctgggcat tatctgctat 420
 gctgannagc tcctctctgg ncntgctnng gggctgnatt tgatatattt ntataannct 480
 tncnccaaaa aaaa 494

<210> 227
 <211> 287
 <212> DNA
 <213> mammalian

<400> 227
 gaatattgta agtcagccct gggacccgag gatttctggg accccgcagt tgggaggagg 60
 aagtagtcca gccttccagg tggcgtgaga ggcaatgact cgttacctgc cgcccatcac 120
 cttggaggcc ttccctggcc ttgagtagaa aagtcgggga tcggggcaag agaggctgag 180
 tacggatggg aaactattgt gcacaagtct ttccagagga gtttcttaat gagatatttg 240
 tatttatttc cagaccaata aatttgtaac tttgcaaaaa aaaaaaa 287

<210> 228
 <211> 300
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

```

<400> 228
caatggtaaa cctcgagaca acaaacaagc aggggtgttt gaaccaacca tagttaaagt      60

taagagtttg aaatttgcaa cagaagctgc aatcaccatt cttcgaattg atgatcttat      120

taaattacat ccagaaagta aagatgataa acatggaagt tatgaagatg ctgttcactc      180

tgagagccctt aatgattgat ctgatgttcc ttttatttat aacaatgtta aatgcaattg      240

tcttgtaccn tgagttgagt attacacatt aaagtaaagt acaagctgca aaaaaaaaaa      300

```

```

<210> 229
<211> 306
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 229
gctttggagt tctgcctgga gtggttcaac agtctctggt gcaagtctaa taagagatca      60

ggcntatata tctgcctttg cataatatta tggcgccctt attgatatat ggtaagggtg      120

tactagggga ttaggatgat tgtaagagaa tgagaaagat gaccaaaggg ttggtggtag      180

ggaggccttt tcttatttcc aaatacttga gaaattacct tttggtttac aaatctatga      240

tcaacttatt ccattaaata gatacattaa aaaaattaaa aactgattct tctgcaaaaa      300

aaaaaa                                           306

```

```

<210> 230
<211> 317
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 230
gagcttgtgc tcaggagtcc agcncgtcca gcctcggggt gtaggtttct gaggtgtgcc      60

attggggcct cagccttctc tggtgacaga ggctcagctg tggccaccaa cacacaacca      120

cacacacaca accacacaca caaatggggg caaccacatc cagtacaagc ttttacaat      180

gttattagtg tcctttttta tttctaattgc cttgtcctct taaaagntat tttatttggt      240

attattatgt gttcttgact gntaattgtg aatggtaatg caataaagtg cctttgttag      300

```

atggcaaaaa aaaaaaa 317

<210> 231
<211> 279
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 231
cggntnantt nctgngggac ccaacnaaac gcaccnngc tntnattnag gtacactgca 60
tcagcacaga atttactccc ggangcacgg aggtgaaaag ggagtgcctt ttaggatcca 120
ggttgacncc tttaagcaca atgaaaatgg agaatacaca gatcatntac actcagctag 180
ctgccaaatc anagttttta agcctaaagg tgcagacang aaacanaaaa cttgaccgag 240
agaatatgga gaagagaaca gtcctgaaa aaaaaaaaaa 279

<210> 232
<211> 485
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 232
tctgacaang tagnagnagg acatctgtgn ccagattnc cttctacngt ggccgactta 60
ccttgatgatt ttatgcaccc tntangaccc cttcatnngt ctncacaaca ccaacagcaa 120
atggggcagg ttttacagca gcagaatata caacaaggat caattaattc accctccacc 180
caaactttca tgcagactaa tgagcgaagg caggtaggcc ctccttcatt tgttcctgat 240
tcaccatcaa tcctgttgg aagcccaaat ttttcttctg tgaagcaggg acatggaaat 300
ctttctggga ccagcttcca gcagtccca gtgaggcctt cttttacacc tgctttacca 360
gcagcacctc cagtagctaa tagcagtctc ccatgtggcc aagattctac tataacccat 420
ggacacagtt atccgggata nccaatcgt cattcagttg tatttgatat atccagagga 480
aaaag 485

<210> 233
<211> 449

<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 233
caccctcttc tgaacacctg ctgcctgggc ttcatacatg tcgcctactc cgtgaagtct 60
agggacagga agatgggttg cgacgtgacc gggggccagg cctatgcctc caccgccaag 120
tgcctgaaca tctggggcct gattttgggc atcttcatga ccattctgct catcatcatc 180
ccagtgttgg tcngtccagg ccagcgata gatcaggagg catcattgag gccaggagct 240
ctgcccgtga cctgtatccc actgtactct atcttccatt cctcgccctg cccccagagg 300
ccaggagctn tgcccttgac ctgtattcca cttactcccc ttccattcct cgccctgtcc 360
ccacagcccc agtccctgcat cagcccttta tccacacgc ttttctacan tggcattaat 420
aaagtgatat gtttctggaa aaaaaaaaaa 449

<210> 234
<211> 480
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 234
gcctaccaag gatgtgcatg agtgtggcct tctcctctga caaccggcag attgtctctg 60
gatctcgaga taaaaccatc aagctatgga ataccctggg tgtgtgcaaa tacactgtcc 120
aggatgagag ccactcagag tgggtgtctt gtgtccgctt ctgcccacac agcagcaacc 180
ctatcatcgt ctctgtggc tgggacaagc ttgggtcaagg tatggaacct ggctaacttg 240
caagctgaag accaaccaca ttggccacac aggctatctg aacacgggtga ctgtctctcc 300
agatggatcc ctctgtgctt ctggaggcaa ggatggccag gccatgttat gggatctcaa 360
cgaaggcaaa cacctttaca cgctagatgg tggggacatc atcaacgccc tgtgcttcag 420
ccctaccgnt ctgctgtgtg ctgcacagcc ccacataaga ttgggattag aggaaagatc 480

<210> 235
<211> 241
<212> DNA

<213> mammalian

<400> 235

```
tttcttctcc cttgcctttg actccttgac tagtgcagag gctttaagta gtttaaaatg      60
ggcttttgct tttctaggtc attaacgttt tttatttagt ttcttttagcc aatagtggct      120
gagtttcgca cttgattttc aatattttat agtaagaaat gacaaactgc tttgtttcat      180
ttcataaaca aactctgcat ttagataact attaaagggt gttaagacga aaaaaaaaaa      240
a                                                                              241
```

<210> 236

<211> 345

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 236

```
ttcagttcaa ataattaagg ctcttctnga ctgcagtgac ttccccacac attgaaattc      60
atgaggggtac tatcctgcag acagtgagaa catgttacia tatctatttg gccagcaaaa      120
atctcatcaa tcaaaccctg ccaaggctac ccttactcag atgctgaacg tcattttcac      180
ccgcatggaa aaccaagtgt tgcaggaggc cagagaactg gaaaaaccaa tccagtcaaa      240
accccagtcc cctgtgatcc aagctgcagc aggtatcccc aaagttcgtt cgtttgaagc      300
acagtcaggc acaaagcaaa ccaacaactc ccgaaaaaaaa aaaaaa                    345
```

<210> 237

<211> 487

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 237

```
ctccgnatcg gtcgnaaatg gcanaggtgg angagacact gaagcgactg canagccaga      60
aggagagtga gggaatcatc gtcntgaaca cagaaggcnt tcccatnang agcaccatgg      120
acaacccac caccaccan tatgccaacc tcatgcacag cttcatcctg aaggcacgga      180
gcaccgtncg tgacatcaga ccnccagaac gatctcacct tccttctgaa ttcgctccaa      240
```

gaaaaaatga aattatggtt gcaccaaata aanactat	300
caaccgaata agcncctctc ttggctccct gtgtcattcc ttaattta	360
aatgttaatg tcaatcatgt cagtggacta ncacatggca gtcgnttgga ccnactcccc	420
caatccantg accgtgtgtg gctgcggttt tttccccacc acggaaccct gtgtgnccac	480
cttccca	487

<210> 238
 <211> 211
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 238	
aatgacccat agtgtgagaa cttccaacaa gctctaaagt cccttgagac tccccaat	60
ctaataaggc atgcgaaatg ttctcatgaa ctaccccaca acacgcctaa aactcaaac	120
acccaaaaat atctcctcca atgtcctgan acatgaaccc aaaaagagac ccacaataaa	180
ctcgtgactt gtcccctcga aaaaaaaaaa a	211

<210> 239
 <211> 367
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 239	
ctttggaaag cccagggca cntgtggcnc cgggttcaca ttggccaagt tatcatgtcc	60
atccgcacca agctgcagaa caaggagcat gtgattgagg ccctgcgcag ggccaagt	120
aagtttcctg gccgcagaag atccacatct caaagaagtg gggcttcacc aagttcaatg	180
ctgatgaatt tgaagacatg gnggntgaaa agcggctcat ccagatggc tgtgggggtca	240
agtacatccc cagtcgtggc cctctggaca agtggcgggg ccctgcgctc atgagggctt	300
ccaatgtgct gccccctct taatactcac naataaaatt ctacttcctg tccgaaaaaa	360
aaaaaaa	367

<210> 240
 <211> 451
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 240
 natgaccagc acactggact ccgaggtggt tcagacattn cagaggggag cagtggccat 60
 catcctcccg ccaggagctt ntctgttctt ggcacatag actgtacgtt atgaanaata 120
 cccanganga ctttgtgact gncacttgct gctttttctg cgcttcagta acaagtgttg 180
 gcaaaactata ttttctcttg gccctgcct gctggagatc ancatgcctg tcctttcagt 240
 ctgatccatc catctctctc ttgcctgagg ggaaagagag atggggccacn gcagagaaca 300
 gaactggagg cagtccatcn agggaaatgg cgactgtgcg gccataccnn gcgaaacgna 360
 nggantgcta tncnagangc ntttatcang gtgtggnccn tgcacancnt gtntcacnag 420
 tttantaaag ccttatnnnc nttaaaanaa a 451

<210> 241
 <211> 361
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 241
 catctccctc ccttttcttc tctctgtggt ggagaacca gctgcagagt aggcagctgc 60
 ctccaggatg anttacttga aatttgcctt gagtgtgtta cctcctttcc aagctcctcg 120
 tgataatgca gacttcctgg agtacaaaca caggatttgt aattccttac tgtaacgnag 180
 tttacagcca gggcatgatg ctttgggtgtg gccancactc tgaaactgag aaatgttcan 240
 aatgtactgg aaagatgatc anctatcttc aacataactt gaaggcatat gctggcccat 300
 aaacaccctg taggttcttg atatttataa taaaacttgg tgttttgtaa aaaaaaaaaa 360
 a 361

<210> 242
 <211> 429
 <212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 242

```
tccttcnact ttcagtagca ctcgttttac atatgcttat aaaagaagtg atgtatcagt      60
aatgtatcaa taatcccagc ccagtcaaag caccgccacc tgtaggcttc tgtctcatgg      120
taattactgg gcctggcctc tgtaagcctg tgtatgttat caatactggt tcttcctgtg      180
agttccatta tttctatctc ttatgggcaa agcattgtgg gtaattggtg cttggctaac      240
attgcatggg cggatagaga agtccagctt gtgagtctct ccccaaagca gccccacagt      300
ggagcctttg gcttggaagt ccatgggcca ccctgttctt gtccatggag gactccgagg      360
ggttccaagt atactcttaa gaccctctg tttaaaaata tatattctat gtatgcgtaa      420
aaaaaaaaa                                     429
```

<210> 243

<211> 482

<212> DNA

<213> mammalian

<400> 243

```
atgatgtaga tgacactgat gattctcacc agtctgatga gtctcaccat tctgatgaat      60
ctgatgaact ggtcactgat tttcccacgg acctgccagc aaccgaagtt ttcactccag      120
ttgtccccac agtagacaca tatgatggcc gaggtgatag tgtgggttat ggactgaggt      180
caaaatctaa gaagtttcgc agacctgaca tccagtacct tgatgctaca gacgaggaca      240
tcacctcaca catggaaagc gaggagttga atgggtgcata caaggccatc cccgttgccc      300
aggacctgaa cgcgccttct gattgggaca gcccggtgga aggacagtta tgaaacgagt      360
cagctggatg accagagtgc tgaaaccac agccacaagc agtccagatt atataagcgg      420
aaagctaatz atgaagcatg acattccgat gtgattgata gtcaggactt tcaaagtcac      480
cg                                             482
```

<210> 244

<211> 241

<212> DNA

<213> mammalian

<400> 244

```
cttgaactcc tggccccagt gagtgtaatg tctcccatgc caaagtactt ttatcttaaa      60
```

ttgcttattt ttttgtttat ttttttaact gactctgttt acaaaattaa ccttttatct	120
agtgacagct agattgtatc acatttgtca tctatggaca actgattttt agttgtttta	180
tatggtaagt ttattattgt ttttccttat ttaagaaaca ggatctgagt aaaaaaaaaa	240
a	241

<210> 245
 <211> 334
 <212> DNA
 <213> mammalian

<400> 245	
agattgaaaa acgagacaaa tatagccgga gacgtcctta taatgatgat gcagatatcg	60
actacattaa tgaaaggaat gccaaattca acaagaaagc tgaaagattc tatgggaaat	120
acacagctga aattaaacag aatttggaag gaggaacagc tgtctaattc cttcaagaac	180
tgtttataga agcttgagaa tggggtaaaa atttctgcta gcaaaatcaa gttctttttg	240
aaattttatc agtaatccag aatttagtag tccatgcctt ctactcagc atttagaaat	300
aaaaatgtgg tttcttaaac gtaaaaaaaaa aaaa	334

<210> 246
 <211> 286
 <212> DNA
 <213> mammalian

<400> 246	
ttgacctaaa cttccaggca ggattcttaa tgaaaaaaga ggtacaggat gaggagaaaa	60
acaagaaatt tggcctttct gtgggccatc acttgggcaa gtccatccca actgacaacc	120
agatcaaagc tagaaaatga gattccttag cctggatttc cttctaacat gttatcaa	180
ctgggtatct ttccaggctt ccctgacttg ctttagtttt taagatttgt gtttttcttt	240
ttccacaagg aataaatgag agggaatcga ctgtaaaaaa aaaaaa	286

<210> 247
 <211> 481
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 247	
tgantagttg acggctagcg gggagctagt tccgccgcac agttatagtg ttgatgtgtg	60

aacgctgacc tgtcctgtgt gctaagagct atgcagctta gctgaggcgc ctagattact	120
agatgtgctg tatcacgggg aatgagggtgg ggggtgcttat tttttaatga actaatcana	180
gcctcttgag aaattgttac tcattgaact ggagcatcaa gacatctcat ggaagtggat	240
acggagtgat ttgggtgtcca tgcttttcac tctgaggaca tttaatcgga gaacctnctg	300
gggaattttg tgggagacac ttgggaacaa aacagacacc ctgggaatgc agtttgcaag	360
gcacaagatg ctgccaccag tgtccnttga ccaccctggg gtgactgctg acttgccagc	420
gtggtacctc catgctgcag gctccatcta atgagacacc aacncactgn cactgttaca	480
a	481

<210> 248
 <211> 266
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 248	
nccctgcccc ccccaacacg tgcttatgta acccgtggaa agcggcccct gctgcccctc	60
cacacacaca tacacactca ctgatctaca gcccctgttc ggcgtcagag tccccactag	120
accagtgga aggggttaga gaccaagtag gggccagttt ccaattcacc ctgtcagggg	180
gtgagnnga tctgacgttc cttgtgactt aagggtccgg cttgggaatt aaagtttggt	240
tctggccttt agcctaataaaa aaaaaa	266

<210> 249
 <211> 490
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 249	
tctcttccc cctctgatga gcagttgaaa tctggaactg cctctgttgt gtgcctgctg	60
aataacttct atcccagaga ggccaaagta cagtggaagg tggataacgc cctccaatcg	120
ggtaactccc aggagagtgt cacagagcag gacagcaagg acagcaccta cagcctcagc	180
ancaccctnn cncttgagca aagcagacta cgagaaacac aaagtctacg cctgcgaagt	240

cacccatcag ggcctgagct cgcccgtcac aaagagcttc aacaggggag agtgttagag	300
ggagaagtgc ccccacctgc tcctcagttc cagcctgacc ccctcccatc ctttggcctc	360
tgaccctttt ttcacagggg acctaccctt attgcggcct tcagctcatn tttacctnac	420
cccctctctc ttggtttaat tatgctaata ttggaggaaa tgaataatna ngtgatcttt	480
naaaaaaaaaa	490

<210> 250
 <211> 491
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 250	
tcacctctgt cttcatcttc ccgccatctg atgagcagtt gaaatctggg aactgcctct	60
gttgtgtgcc tgctgaataa cttctatccc agagaggcca aagtacagtg gaagggtggat	120
aacgccctcc aatcgggtaa ctcccaggag agtgtcacag agcaggacag caaggacagc	180
acctacagcc tcagcagcac cctgacgcnt gagcaaagca gactacgaga aacacaaagt	240
ctacgcctgc gaagtcaccc atcagggcct gagctcgccc gtcacaaaga gcttcaacag	300
gggagagtgt tagagggaga agtgcccca cctgctctc agttccagcc tgacccctc	360
ccatcctttg gcctctgacc ctttttccac aggggacctt cccctattgc ggtcctccag	420
ctcatcttta cctacccctt cctctccttg cttaatttgc taatgttgga ggagatgaat	480
aataaagtga c	491

<210> 251
 <211> 484
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 251	
ccctctgtct tcattctccc gccatctgat gagcagttga aatctgggaa ctgcctctgt	60
tgtgtgcctg ctgaataact tctatcccag agaggccaaa gtacagtgga aggtggataa	120

cgccctccaa tcgggtaact cccaggagag tgtcacagag caggacagca aggacagcac	180
ctacagcctc agcagcaccc tgacgcttga gcaaagcaga ctacgagaaa cacaaantct	240
acgcctgcga agtcacccat cagggcctga gctcgcccggt cacaaagagc ttcaacaggg	300
gagagtgtta gagggagaag tgccccacc tgctcctcag ttccagcctg accccctccc	360
atcctttggc ctctgaccct ttttccacag gggacctacc cctattgcgg tcctccagct	420
catctttacc tcacccccct cctcctcctt ggctttaatt atgctaattgt tggaggagat	480
gaaa	484

<210> 252
 <211> 262
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 252	
gcagtttnta ttaaananta gtgtgaaatg aatgaaatag aagaaggtaa aaataaggaa	60
caagcaataa acagttcaga gaacataatg gacatcaatg aggaaccagg aacaactgaa	120
ggtgaagaaa tcctgagtca agtagcactg aagaaatgga ggtcagaagt gtggtggctg	180
atactgacca aaaggcttta ggaagtgaag ttcaggatgc ttctaaagtc actactcana	240
tagataaaga gaaaaaaaaa aa	262

<210> 253
 <211> 359
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 253	
tctcaaggac ttcaaactct actcccctaa tagctttttg atgacttcta gcaagcctcg	60
ctaacctcgc cttaccccc actattaacc tactgggaga actctctgtg ctagtaacca	120
cgttctcctg atcaaataac actctcctac ttacaggact caacatacta gtcacagccc	180
tatactccct ctacatattt accacaacac aatggggctc actcaccac cacattaaca	240
acataaaacc ctcattcaca cgagaaaaca ccctcatgtt catacaccta tccccattc	300

tcctcctatc cctcaacccc gacatcatta ccgggttttc ctcttanaaa aaaaaaaaaa 359

<210> 254
 <211> 210
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 254
 catagnccca tcaccctcct taacctctac ttctacctac gcctaatacta ctccacctca 60
 atcacactac tccccatatac taacaacgta aaaataaaaat gacagtttga acatacaaaaa 120
 cccaccccat tcctccccac actcatcgcc cttaccacgc tactcctacc tatctccct 180
 tttatactaa taatcttaga aaaaaaaaaa 210

<210> 255
 <211> 257
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 255
 gtcgcancag gggcantagg gtgggggttnc cctgggaagc agctggctag tggcttatta 60
 cttgtgactg gacctctggt cctcaatcga gttcctctac gaagaacaca ccagaaattt 120
 gtcattgcca cttcaaccaa aatcgatatac agcaatgtaa aaatcccaaa acatcttact 180
 gatgcttact tcaagaagaa gaacttgtgg aagcccagac accaggaagg tgagacttcg 240
 acacagaaaa aaaaaaa 257

<210> 256
 <211> 392
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

```

<400> 256
tgcgctccag gcatgcttag gtgccttcng aaagccccag ggcactgtgg ccaggggttca      60
cattggccaa gttatcatgt ccatccgcac caagctgcag aacaaggagc atgtgattga      120
ggccctgcgc agggccaagt tcaagtttcc tggccgccag aagatccaca tctcaaagaa      180
gtggggcttc accaagttca atgcttgntn aatttgaaga catggtggnt tgaaaagcgg      240
ctcatcccan atggctgtgg ggtcaagtac atccccagtc ntggccctct ggacaaagtg      300
gcgggccctg cactcatgag ggcttccaat gtgcttgccc ccctcttaat actcaccaat      360
aaattctact ttcctgtcca gaaaaaaaaa aa                                     392

```

```

<210> 257
<211> 500
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 257
ttgctttatg aaactgcnct cctgtcttct ggcttcagtc tggaagatcc ccagacacat      60
gctaacagga tctacaggat gatcaaactt ggtctgggta ttgatgaaga tgaccctact      120
gctgatgata ccagtgctgc tgtaactgaa gaaatgccac cccttgaagg agatgacgac      180
acatcacgca tggaanaant agactaatct ctggcttgag ggatgactta cctgttcagt      240
actctacaat tcctctgata atatattttc aaggatgttt ttctttattt ttgttaatat      300
taaaaagtct gtatggcatg acaactactt taaggggaag ataagatttc tgtctactaa      360
gtgatgctgt gataccttag gcactaaagc agagctagta atgctttttg agtttcatgt      420
tggtttattt tcacagattg gggtaacgtc actgtaaacy tatgtacatg atgtacttgt      480
gtgggctaag tgttanctgc                                                    500

```

```

<210> 258
<211> 375
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 258

```

accatnaatc ctntctcang gacttcaaac tctactccca ctaatacgct ttttgatcga	60
cttctagcaa gcctcgctaa cctcgctta cccccacta ttaacctact gggagaactc	120
tctgtgctag taaccacggt ctcctgatca aatatcactc tctacttac aggactcaac	180
atactagtca cagccctata ctccctctac atatttacca caacacaatg gggctcactc	240
accaccaca ttaacaacat aaaaccctca ttcacacgag aaaacaccct catgttcata	300
cacctatccc ccattctcct cctatccctc aaccccgaca tcattaccgg gttttcctct	360
tacaaaaaaaa aaaaa	375

<210> 259
 <211> 376
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 259	
ttcatcttat cctaaccaaa tgagaataat gacatattga aaacagcctc tagcttcagg	60
ctgggcacgg tggctcacag ctataatctc agcacttttg gaggtgagg tgggagaatt	120
gcctgagccc aggagttcaa gaccagcttg tgcaatatag ggagactccg gctctacaaa	180
aaagagtttt tcaaaattag ccaggcngaa gtggcacaca tctgtggtcc caggtgctca	240
ggaagctgag gtgggaggat cacttgagcc caattcaaag ctgcagtgag ctngtaattg	300
catcacttgc actccaacct gggcaacaga gtaatgacct tgtcttaaaa aaaaataaaa	360
acataaaaaa aaaaaa	376

<210> 260
 <211> 194
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 260	
gttngcgggt gaggaacgcg gccaacagga cgggctatgt accgtccaac tacgtggagc	60
ggaagaacag cctgaagaag ggctccctcg tgaagaacct gaaggacaca ctaggtgagt	120
gtttcacctc cgagagagga agccttgtgc atttcaaggg acacatgttc gtctttctag	180

ttagtttgct gttt

194

<210> 261
<211> 406
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 261
tgatttaata cgactcacta tagggctttt tttttttgan cgaaggga aa attcccgtt 60
tttatttttg taaangtatc catatatagn catcgacatg acagatgagg aancccatga 120
agtttccac tagtcanata tncattttca cttcatcana agcacctgat atctacngct 180
aatTTataat tanatnctgt ttcaatgaan ccaaaangan ccctacaagt tcctataanc 240
aaaagcttcc aangtactag gacagtcagt aattaangca tcatttcana ggattatggc 300
tgttccttaa gaagtgaag ttcaancctg tcaacaccag aggtaatcat tttatattaa 360
tttatccgna taccattaa atctttatct gagtatacat atgaaa 406

<210> 262
<211> 391
<212> DNA
<213> mammalian

<400> 262
attagcggat aacaatttca cacaggatgg attgggtccga agggccacgt gatctcccag 60
atagcacagg aggcaggcca tgacctcatg gacatcttcc tctgcatgt tgacatccgc 120
ctctctgtga agctcctcaa gtgaccaccc tctactgacc ctcccagggc attccagctc 180
aagctgctgg caggaactga ccagttctgt ccttggctgg ggaccctcca ggcactggtg 240
agagacatga aactgactg gccactagct tggcctggcc ctgttgagtc tgcacagtcc 300
ctgccagct gtgtcttctg ttggaagaag gaacctgcct tagctcagtt tccaggtggt 360
tcctctgcct ggcaccacag ctacaagggtg t 391

<210> 263
<211> 307
<212> DNA
<213> mammalian

<220>
<221> misc_feature

<222> ()..()
 <223> "n" is an unknown nucleotide

<400> 263
 aagaacaggc aggaggtaaa aagatgatgg gaaggtgtgg tagactaagg gcccggttat 60
 tgggtgaaat ttgagattgt aggccaactg tattttcaag cttctgaact taggcaaaat 120
 attcatcgca aagtctctag ctgtcatatt tttctcacc aaattacgtt tccacgagat 180
 tatttatata tagttgggtct atctctgcag tccttgaagg tgaagttgtg tgttactagg 240
 cttgtgtttt gggatgtcan cagtggcctg aagtgagttg tgcaataaat gttaagttga 300
 aacctca 307

<210> 264
 <211> 192
 <212> DNA
 <213> mammalian

<400> 264
 tcgagggccc tctctcagtt ctgggaggat gactccagtc cctgcacgcc ctggcacacc 60
 cttcacgggtt gctaccagg cgccaagct ccagaccgtg ccagaccag gtgccccagt 120
 gcctttgtct atattctgct cccagcctgc caggcccagg aggaaataaa catgccccag 180
 ttgctgatct ca 192

<210> 265
 <211> 243
 <212> DNA
 <213> mammalian

<400> 265
 tctgttgag atgaccagga aattcacatc tatgattgtc caatttaaac atcaaagtct 60
 ccaggcttat gctgcaaaga gaatgtacgg attgatcatg acattcctta ctttcttagg 120
 cttgtttaaa agaaatatag catttattgt agcaaagact taaattttgt agatacaata 180
 tgaatctttt catgttttat tggaaatgct gttcatactt taacataaag ctttcttaat 240
 gca 243

<210> 266
 <211> 400
 <212> DNA
 <213> mammalian

<400> 266
 gataacaatt tcacacagga tacaacgagg ggacgtaacg gaggcagggtt ggagccgctg 60
 ccgtcgccat gaccgcggt aaccagcgtg agctcgcccg ccagaagaat atgaaaaagc 120

agagcgactc	ggttaaggga	aagcgccgag	atgacgggct	ttctgctgcc	gcccgcaagc	180
agaggggctc	ggagatcatg	cagcagaagc	agaaaaaggc	aaacgagaag	aaggaggaac	240
ccaagtagct	tttgtggctt	tcgtgtccaa	ccctcttgcc	cttcgcctgt	gtgcctggag	300
ccagtcccac	cacgctcgcg	tttcctcctg	tagtgctcac	aggtcccagc	accgatggca	360
ttccctttgc	cctgagtctg	accgggtccc	ttttgtgctt			400

<210> 267
 <211> 394
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	267					
gtgatttaat	acgactcact	atagggcttt	ttttttttgc	tgggtnccaa	atttctttat	60
ttgaagggaan	ggtncaaatc	aaanaactta	agnnggatgtt	tnggtncaac	tnatanaaaa	120
ggtaanggaa	nccccancat	gcatgcnctt	gccttgngga	ccaggnaagc	cnccccacgg	180
ntatggggaa	attaccccgga	ggcttacctt	ncattatcac	tggtttccca	ggngnggctn	240
gccaaanana	tattccccca	accanattc	gggcgctcc	catcttgccc	aagttgncca	300
cgcggccccc	ccaattcttt	tgancgcctt	nccccctgct	catncnggaa	gngngcccca	360
nggnanccnc	accaannggg	gnncattttt	nncc			394

<210> 268
 <211> 343
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	268					
ggtccttata	ccgatgtcnc	ctctgccttt	tgtttttcag	cttcagagaa	gaccaatata	60
atcccaggga	cctgggtctc	tgggagagga	aggaagaggg	aggagcaaa	gagattgggg	120
tatgtccctt	gtagtacact	cttacctctt	acttctctaga	ctttgatttc	tccggcagcc	180
cagatgttca	gttctcttgg	cccctctcta	ccccttactg	ggatctgggt	ttcattttcc	240

ggtccttttg ccatacacag ttacagagat cagtcaaadc cataccacca cttgagatct 300
catttattgc cacagatgca caaaataaat aaccctaaat cgc 343

<210> 269
<211> 279
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 269
caatgcccgg ggataaccag cgttatcaac cagaagctaa aggatgatga ggttgctcag 60
ctcaagaaaa gtgcagatac cctgtgggac atccagaagg acctaaaaga cctgtgacta 120
gtgagctcta ggntgtagaa atttaaaaac tacaatgtga ttaactcgag cctttagttt 180
tcatccatgt acatggatca cagtttgctt tgatcttctt caatatgtga atttgggctc 240
acagaatcaa agcctatgct tggtttaatg cttgcaatc 279

<210> 270
<211> 209
<212> DNA
<213> mammalian

<400> 270
tgaagatatt tgtcttcaga attaaaactg cccttaattt taatatacct ttcaatcggc 60
cactggccat ttttttctaa gtattcaatt aagtgggaat tttctggaag atggttagct 120
atgaattaat agagtttgct taatcatttg taattcaaac atgctatatt ttttaaaatc 180
aatgtgaaaa catagactta tttttaaat 209

<210> 271
<211> 319
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 271
gtntnccagg acnctctctt tgcttcaagc aagcgaaaac tagaggaggt gctctctact 60
gagggggctg aagaaaatgg caacagcgac aagaagaaga aggccaagcg agactagcag 120

tcattccagac cctgcccacc tagattgttt tttagaccct cgggacctga gactgagttt	180
tgtcttttttc ctttagcctt agcagtgggt atgaggtgtg cagggggagc ttgggtggct	240
tcaactccgcc cattccaaag agggctctcc ctccgactg cagccgggag cctntgctgt	300
tttgntgggn ggagggaag	319

<210> 272
 <211> 296
 <212> DNA
 <213> mammalian

<400> 272 caaagccagg cagaccgtcc tctgcccctg ctgggatggc tgtcctggct gtgcttgtgg	60
ctatggctgt ggttcgtggg atgttcagct ggaaaccacc tgccactgcc agtgcagtgt	120
ggtggactgg accctgcccg ctgctgccac ctgacctgac agggaggagg ctgagaactc	180
agttttgtga ccatgacagt aatgaaacca ggggcccaac caagaaatct actcaaactgt	240
cccacttcat ttgttcatt cctgattctt gggtaataaa gacaaaacttt gcaaaa	296

<210> 273
 <211> 316
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 273 ttcagatttc ttgctttggg ttgcattttc ctagtataat tntagcaagt tgacctcaga	60
gttcctgtat cagggagatt gtctgattct ctaataaaag acacattgct gaccttggcc	120
ttgccctttg tacacaagtt cccagggatga gcagcttttg gatttaatat gaacatgtac	180
agcgtgcata gggactcttg ccttaaggag tgtaaaacttg atctgcattt gctgatttgt	240
ttttaaaaaa acaagaaatg catgtttcaa ataaaattct ctattgtaaa taaaattttt	300
tctttggatc ttggca	316

<210> 274
 <211> 211
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()

<223> "n" is an unknown nucleotide

<400> 274
tagtataatt ctagcaagtt gacctcagag ttctgtatc agggagattg tctgattctc 60
taataaaaga cacattgctg accttggcct tgccttttgt cacaagttcc cagggtgagc 120
agcttttgga tttaatatga acatgtacag cgtgcatagg gactcttgcc ttaanggagt 180
gtaacttgat ctgcatttgc tgatttggtt t 211

<210> 275
<211> 484
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 275
ccctctgtct tcattctccc gccatctgat gagcagttga aatctgggaa ctgcctctgt 60
tgtgtgcctg ctgaataact tctatcccag agaggccaaa gtacagtgga aggtggataa 120
cgccctcaa tcgggtaact ccaggagag tgtcacagag caggacagca aggacagcac 180
ctacagcctc agcagcacc tgacgcttga gcaaagcaga ctacgagaaa cacaaantct 240
acgcctgcga agtcacccat cagggcctga gctcgcccg tcaaaagagc ttcaacaggg 300
gagagtgtta gagggagaag tgccccacc tgctcctcag ttccagcctg acccctccc 360
atcctttggc ctctgaccct ttttcacag gggacctacc cctattgcgg tcctccagct 420
catctttacc tcacccccct cctcctcctt ggctttaatt atgctaattg tggaggagat 480
gaaa 484

<210> 276
<211> 415
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 276
taanttattg atccagattg ttctgagaga cgaagatact tgctgctgat agaggtgaaa 60
acgagattga tccgtctggg gttttacggt gtgcactggg tgctgcacag acttgtcaag 120

gtttgctacg	tcctctgggc	atctgcaaaa	ggccctgctc	tctggagtgt	tgtatatagt	180
gtagcaaaag	agtatttata	catcccacca	atcaaaacac	agctttttatt	acctcatgcy	240
aactcataca	accaatagaa	tttcaacatg	ttctgtagct	taaaagtgct	cacttactac	300
cttttgaaca	atactcccct	ggaagttggc	nctttcntat	ctttttgcat	cttnggaatt	360
aacctntttg	nttccttca	taaaangaan	ggncattgga	atctttttaa	aaaaa	415

<210> 277
 <211> 389
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	277	
ctgcccggta	ctatttttagg	gggcccgnata gaaaataatg aggtcctttg aggagagatc 60
ttctaaaatc	cacattagtg	atactgaatt attgagagtg acaaactttt ttatcttcac 120
ccataataaa	cttttttttat	cttcactttg ttagcaaatc caaagaaatg tggaattttt 180
agtttagcag	attcaaaatg	tagaaaacag tttaccttca tatgacatat ttatatgcac 240
tatttaagct	ttgaggtgta	gcccatttaa attcttcttt tgagatttcc aaatacatta 300
tatccatctc	acaatcccc	ccacgtctcc aaatttttgc atgggtttac cattgnccca 360
ttctgacctt	cattctttct	tttctaagt 389

<210> 278
 <211> 302
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	278	
ctttttccct	gcgcngtgga	cctgagaact ccgccgtgtg ttcaacgact gccgtgacat 60
cattcagcgc	atgcaccttc	gtcagtagca gctgctctaa gaagggaacc cccaaattta 120
attaaagcct	taagcacaat	taattaaaag tgaaacgtaa ttgtacaagc agttaatcac 180
ccaccattan	ggcatgatta	acaaagcacc tttcccttcc cccgagtgat tttgcgaaac 240

ccccttttcc cttcagcttg ctttagatgt tcccaaattt agaaagctta aggcgggcct 300
ac 302

<210> 279
<211> 340
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 279
aggaacacga cgacctacaa taaaaagtac cagtactatt ccaataaaca ctgcagaggg 60
agcacccttc gttgctgagt cccctcttcc ctggaaacct tccaccagct gctgaatttc 120
cctctctcat accctccctc cctaccctaa ccaagttcct tggccatgca gaaagcatcc 180
ctcacccttc ctagaggcca ggcaggagcc cttctatacc caccagaat gagacatcca 240
gcagatttcc agccttctac tgntnctcct ccacctcact tccgtgctta accaaagaag 300
ctgtctccgg ggggggtctct ttcttgaata aagcatttag 340

<210> 280
<211> 434
<212> DNA
<213> mammalian

<400> 280
cagaaatgct acccagcatc ttaaaccagc ttggtgcgga tagtctgact agtttaagga 60
gactggccga agctctgccc aaacaatctg tggatggaaa agcaccactt gctactggag 120
aggatgatga tgatgaagtt ccagatcttg tggagaattt tgatgaggct tccaagaatg 180
aggcaaactg aattgagtca acttctgaag ataaaacctg aagaagttac tgggagctgc 240
tattttatat tatgactgct ttttaagaaa tttttgttta tggatctgat aaaatctaga 300
tctctaatat ttttaagccc aagccccttg gacactgcag ctcttttcag tttttgctta 360
tacacaattc attctttgca gctaattaag ccgaagaagc ctgggaatca agtttgaaac 420
aaagattaat aaag 434

<210> 281
<211> 461
<212> DNA
<213> mammalian

<220>

<221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 281
 atctgctcat tatttcagag gggaaaccta gcaaactaag agtgataagg ggcctacta 60
 cactggcttt tttaggctta gagacagaaa ctttagcatt ggcccagtag gtggcttcta 120
 gctctaaatg ttgccccgc catcccttcc cacagtatcc ttcttccttc ctncctgtc 180
 tctggctgtc tcgagcagtc tataagagtg catctccagc ctatgaaaca gcttgggtct 240
 ttggccataa gaagtaaaga tttgaagaca gaaggaagaa cctcagggag taagcttcta 300
 gcccccttca gctttctaca cccttctgcc ctctctccat tgctgcacc ccacccagc 360
 cactcaactc ctgcttgntt ttccttnggc catgggangg ttaccagtaa aatccttgct 420
 aggntgatgt gggcccnccat tcctttaata accattgtga c 461

<210> 282
 <211> 213
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 282
 catccgcac gaacattggg gtttctncaa aatggtgtgt gtcatacntt cttttgggag 60
 ggggggttngt tttcttctgt ttattttctg agactcctac aggagccaaa tttgtaattt 120
 agagacactt aattttgtta atcctgtctg ggacacttaa gtaacatcta aagcattatt 180
 gctttagaat gttcaaataa aatttcctga cca 213

<210> 283
 <211> 422
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 283
 gcacctcct acctgtcagc ctgagtatgg gcaatggcgt tttagtttgc aaaaccagac 60
 acatagaggc caggtttccc ccgctcaaca ctaggccact gtgcctgcc ctgctgtctg 120

caaatgcagg ttcctggggc tctgggtggt ttgtccaatg gctaagcttt cccaggaat	180
gggtaacntg gaaaaatgta ggaattacat atgattccat caatgacagt tttcctatta	240
aaacataact tgttaaagca tagagcttag ttcaagagta aacatttcta aaaaagaggt	300
agaagcccct acctactgac tggcatcaca aacactgccc tgaaatgcca actcatttca	360
aatactgctc tagacaactg ggccctgcat ctgctgcaag gaacatccct tactttccca	420
tc	422

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<210> 284
<211> 447
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

<400> 284	
gctcttgnncc gccactggcg gtcctgaaaa acagatgact tgggcaaagg tggaaatgaa	60
gaaagtacaa agacaggaaa cgctggaagt cgtttggtt gtggtgtaat tgggatcgcc	120
caataaacat tcccttgat gtagtctgag gcccttact catctgttat cctgctagcn	180
tgtagaaatg taccctgata aacattaaac acttgtaatc taaaagtgt aattgtgtga	240
ctttttcaga gttgctttaa agtacctgta gtgagaaact gatttatgat cacttggaag	300
atttgatatg ttttataaaa ctgagttaaa atgtctgttt caatgacctg tattttgcc	360
gacttaaatc acagatgggt attaaacttg tcagaatttc tttgtcattc aagcctgtga	420
ataaaaaccc tggttgactt attatga	447

```

<210> 285
<211> 479
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

<400> 285	
ccnccctcnn cgttnggggg agacngaana accttctccg ctgacctggt tgtggggctg	60
tgactgggc agatcaagac tggcgccct tgcgatctg agcgcttggc caagtacaac	120

cagctcctca gaattgaaga ggagctgggc agcaaggcta agtttgccgg caggaacttc	180
agaaaccctt tggccaagta agctgtgggc aggcaagccc ttcggtcacc tgttggctac	240
acagaccctt cccctcgtgt cagctcaggc agctcgaggc ccccgaccaa cacttgcagg	300
ggtccttctg agttaagcgc cccaccgccg tggagttcgt accgcttcct tagaacttct	360
acagaagcca agctccctgg agccctgttg gcagctctag ctttgtagtc gtgtaattgg	420
ccaagtcatt gtttttcgct cgcttcacc aagtgttaga gtatgtagcc tcgtgtatc	479

<210> 286
 <211> 459
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 286	
tncncctccc atttttgaac atcccaagac tttccggaca gaacgtcctg tcaactcagc	60
tgccctctcc cccaactatg accatgtggg cctgggcggg ggtcaggaag ccatggatgt	120
aacccaacct ccaccaggat tggcaagttt gaggccaggt tcttcattt ggcccttgaa	180
gaagagtttg gaagagtcaa gggtcacttt ggacctatca acagtgttgc cttccatcct	240
gatggcaaga gctacagcag cggcggcgaa gatgggttacn gtccgtatcc attacttcga	300
cccacagtac ttcgaatttg agtttgaggc ttaagaagct ggatctcctg ccgggcgtgg	360
tggtctatgc ctgtaatccc accacttttt ttttaaggca ggcggatcac ctgaggtcag	420
gagtttaaga ccagcctgac caacatggag aaacctcgt	459

<210> 287
 <211> 457
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 287	
cctaccaatg tttggggatg aannccgggt tgctcccaac atcctggaga ataaagaagg	60
cctggagctg ctgaagaccg ctattgggaa agctggctac actgataagg tggctatcgg	120
catggacgta gcggcctccg agttcttcag gtctgggaag tatgacctgg acttcaagtc	180

tcccgatgac	cccagcaggt	acatctcgcc	tgaccagctt	ggcatgacct	gtacaagtcc	240
ttcatcaagg	actaccaggt	ggtgtctatc	gaagatccct	ttgaccagga	tgactgggga	300
gcttggcaga	agttcacagc	cagtgcagga	atccaggtag	tgggggatga	tctcacagt	360
accaacccaa	agaggatcgc	caaggccgtg	aacgagaagt	cctgcaactg	cctcctgctc	420
aaagtcaacc	agattgctcc	gtgaccgagt	ctcttcc			457

<210> 288
 <211> 492
 <212> DNA
 <213> mammalian

<400> 288	
gctccgtgac	gagtctcttc aggcgtgcaa gctggcccag gccaatgggt ggggcgtcat 60
ggtgtctcat	cgttcggggg agactgaaga taccttcatc gctgacctgg ttgtggggct 120
gtgcactggg	cagatcaaga ctgggtcccc ttgccgatct gagcgcttgg ccaagtacaa 180
ccagctcctc	agaattgaag aggagcttgg gcagcaaggc taagtttgcc ggcaggaact 240
tcagaaaccc	cttggccaag taagctgtgg gcaggcaagc ccttcggtca cctgttggct 300
acacagaccc	ctcccctcgt gtcagctcag gcagctcgag gcccccgacc aacacttgca 360
ggggtccttg	ctagttagcc gcccaccgc cgtggagttc gtaccgcttc ttagaacttc 420
tacagaagcc	aagctccctg gagccctggt ggcagctcta gctttgcagt cgtgtattgc 480
ccaagtcatt	ga 492

<210> 289
 <211> 409
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 289	
tnaggcngcc	tgacttnccg tggctccaca gctctagggg cctgctcctc taatcacagt 60
gggttttgtg	aggctctgtg gccagagca gacctgcata tctgagcaaa aatagcaaaa 120
gcctctctca	gccactggc ctgaatctac actggaagcc aacttgctgg ccccccgct 180
ccccaaccct	tcttgcttgg gtaggagagg cttaaagatca ccctaaattt actcatctct 240
ctagtgtgc	ctcacattgg gcctcagcag ctccccagca ccaattcaca ggtcaccct 300

ctcttcttgc actgtcccca aacttgctgt caattccgag atctagtctc cccctacgct	360
ctgccaggaa ttctttcaga cctcactagc acaagcccgg ttgtccttg	409

<210> 290
 <211> 347
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 290	
aaaataatgt ctgatcctgt tcctaagttc caaactatag ccaacactct gatgctgctc	60
tttttcttgt aggaccaacc gtcccagttt gcctgggact ttctcatttt tacagagtcc	120
caaatcctag gaaactggag caactggtac aactgggtcac ctactcttgc ccctctgtaa	180
atcaagccaa ctgtgaccat ccaatgtgcc atcttacagg gaaaagttat aaccacttat	240
tcccctataa cntaatgcta atgattgtac ttagtacatt ttatacttt tatgatattt	300
tactgattgg aaatgtcatc ctttattaaa aataaacatg gttttcc	347

<210> 291
 <211> 340
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 291	
cccttgtacc cagnagcant tttaacaac ccttacctgc cgcctccaca gcctcagact	60
tgttggagaa cctacaactt tctacatcag cccatcccct acttacacaa cactctttcc	120
tgcgagttcc agcacatcag gcctcactga ggaatctacc accttccaca ccagtccaag	180
cttcacttct acaattgtgt ctacttgaaa gcctggaaac cttagcacca gggttgtgcc	240
aggaaggaca aatttggaat ggaaaacaat gcgtctgtcc ccaaggctac gttgggttacc	300
aagtgcttgt cccctctgga atccttcctt gtagaaaccc	340

<210> 292
 <211> 424
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 292
 tccnacctca ngtttccagg ggcctcactc ttcagagtgg cagagatgaa ctaaagtagg 60
 agctcatnca ggaagaaagc tctgaagacg aaggagaata tgaagagggt agaaaagatc 120
 aggattctgt tgggtgaaatg aaggatgaag gggaagagac attaaattat cctgatacta 180
 ccattgactt gtctcnnntt tcacccccaa aggtccatcc agaaattggc ttcaaaanag 240
 gatcttctaa ttctagtac agtaaatac agacccggag acattttgca gcccaaggaa 300
 agaangggaa atgaaaaana anacgncccc nttngtngcg ccnattnaa cccctagtgc 360
 aactncccg ccnnctccg gtcnnccct tttggggaga gccccaccc nttgggatgc 420
 ctan 424

<210> 293
 <211> 401
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 293
 gtacttttaa ttaaattccc agtattttaa aagacaaagt atttttgtcc atttgagatt 60
 ctgcactcca tgaaaagttc acttgagcgc tggggccaaa agctgttgat tttcttaagt 120
 tgacggttgt caatatatcg aactgttccc aagttagtca agtatgtctc aacactagca 180
 tgatataaaa ntggnaact gcagctgaat gaaaaaggaa tcaaaaccac tttgtacata 240
 agttaaatcc tattggattt gtnccgtcct cccatttggt ctccggacna ttaaatagta 300
 catggggtaa ggtctggcct aaatagggta gcttaaaact tatggtnaaa nngcntgcnn 360
 ccagttttgt cnattaaagg ttttatcccc ttttttaacc c 401

<210> 294
 <211> 400
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature

<222> ()..()
 <223> "n" is an unknown nucleotide

<400> 294
 taggtattat tgtgacancg gccagtcttt tttcttgacg cccagattc cccagccacg 60
 ttagcctaca gaagtataat tcagagaatc caagagtttt gtaatctcca tcagtcaaaa 120
 gaagagaacc tcatcagttc ctgaagcgag agaatgttca ggaccaagca gttaccgagc 180
 gaggcactca cttgggcagc acatccagcc agaccganca gctnccggga tgggggtgggg 240
 tcacagcaaa agggaccaga tgctggtgtg ggcccgaagc cacttttctc agagacactt 300
 ttaatcattg agtatttgta ctttttcttt agaacatata ttaaaggggc atttctctaca 360
 aatgtggccg ttttaagaaa taaaaccccc tcaaatcccc 400

<210> 295
 <211> 411
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 295
 nattttcata gaggcccgag gatgtcaatg acaatgcacc acagtacatc agagcctggt 60
 tattaccag aaatcatgga aaattctcct aaagatgtat ctgtggtcca gatcgaggca 120
 tttgatccag attcgagctc taatgacaag ctcatgtaca aaattcaagt ggaaatccac 180
 aggattnttt ttcaatacat cctaaaccag gtctcatcac acttacgtca aggaaagcta 240
 gaccgagaac agcaagatga acacatatta gaggggtactg tgacagacaa tgggtagtcc 300
 cccaatcaa ccattgcaag agtcattggt gaaaatcctt gatgaaatga caacaaacct 360
 cagtttctgc aaaagtctac aaatcagact ccttgacggg aaaagcccga c 411

<210> 296
 <211> 416
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 296

ctttcctatg ccncaccttt tggacttata tgatgagtgc tcgatccaag aatgttngtt	60
ggcgccctga ttactttttg ttgtccact ctctgttacc tgcatttgtg gacagcaaga	120
tccgttccaa ggccctcggc agtgatcact gtcctatcac cctataccta gcactgtgac	180
accnntccct aaatcacttt gagcctgggg aaataacccc ctcactacca ttccttcttt	240
aaacactctt cagagaaatc tgcattctat tctcatgtat aaaactnagg aatcctccac	300
cagggctcct gtggatagaa gttcttttaa agcccaagat ttttatttta angggttttt	360
ggtttttttna aaaaaaaatt gaacaaagac tctatgactt ggttcgaata tcccat	416

<210> 297
 <211> 439
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 297	
cttggccctg ctgagctcta ctgcctgcag gatgggagta cactgggcaa catgaccacc	60
atgggttagcc ctgtggaatt ggtggccatg gagtccggcc taacctcggc aattcaggct	120
gttgaaagca cctcagagga tgggcagacc atcattgaga ttgatccagc cccngaccn	180
tttaagctga agatcctgat gntaaagcag tcactcttga gacagagctg aggactgang	240
agaaagttgt gggcttgaga atggaagaac acccagcatc naagttcaca atgtgggaga	300
nttgggggtc cttaaaagga attaacctgg ngggatcttc agggccccgg agttnttggt	360
ttgattttgg aaatttttan ntattttgggt ttatttttca cnatnnccc actcatttcc	420
cccatnggac ccctttttg	439

<210> 298
 <211> 213
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 298	
tcgcctagcg gagactagaa nccgtagcat gattttttaa taacctgtct ttgtttttga	60
tggttaaagc taaatgccag taangaccan gaaccagtga ttatatacac tatactggag	120

ggatttcatt ttttaattcat ctttatgaag atttagaact cattccttgn gtttaaaggg	180
aatgtttaat tgagaaataa acatttgtgt aca	213

<210> 299
 <211> 937
 <212> DNA
 <213> mammalian

<400> 299	
gttcttgcct ggtgtcgggtg gttagtttct gcgacttgtg ttgggactgc tgataggaag	60
atgtcttcag gaaatgctaa aattgggcac cctgccccca acttcaaagc cacagctgtt	120
atgccagatg gtcagtttaa agatatcagc ctgtctgact acaaaggaaa atatgttgtg	180
ttcttctttt accctcttga cttcaccttt gtgtgccccca cggagatcat tgctttcagt	240
gatagggcag aagaatttaa gaaactcaac tgccaagtga ttggtgcttc tgtggattct	300
cacttctgtc atctagcatg ggtcaataca cctaagaaac aaggaggact gggacccatg	360
aacattcctt tggatcaga cccgaagcgc accattgtctc aggattatgg ggtcttaaag	420
gctgatgaag gcatctcgtt caggggcctt tttatcattg atgataaggg tattcttcgg	480
cagatcactg taaatgacct ccctgttggc cgctctgtgg atgagacttt gagactagtt	540
caggccttcc agttcactga caaacatggg gaagtgtgcc cagctggctg gaaacctggc	600
agtgatacca tcaagcctga tgtccaaaag agcaaagaat atttctcaa gcagaagtga	660
gcgctgggct gtttttagtgc caggctgcgg tgggcagcca tgagaacaaa acctcttctg	720
tatttttttt ttccattagt aaaacacaag acttcagatt cagccgaatt gtggtgtctt	780
acaaggcagg cctttcctac aggggggtgga gagaccagcc tttcttcctt tggtaggaat	840
ggcctgagtt ggcgttgtgg gcaggctact ggtttgtatg atgtattagt agagcaaccc	900
attaatcttt tgtagtttgt attaaacttg aactgag	937

<210> 300
 <211> 204
 <212> DNA
 <213> mammalian

<400> 300	
gaagaggaag cagctatgaa ggccaaaaca gagtagcaga ggtatccgtg ttggctggat	60
tttgaaaatc caggaattat gttataacgt gcctgtatta aaaaggatgt ggtatgagga	120
tccatttcat aaagtatgat ttgcccaaac ctgtaccatt tccgtatttc tgctgtagaa	180
gtagaaataa attttcttaa ataa	204

<210> 301
 <211> 430
 <212> DNA
 <213> mammalian

<400> 301
 gggcagtgag gctgttcgca gagctgcgga agatgaatgc cagaggactt ggatctgagc 60
 taaaggacag tattccagtt actgaacttt cagcaagtgg accttttgaa agtcatgac 120
 ttcttcggaa aggtttttct tgtgtgaaaa atgaactttt gcctagtcac ccccttgaat 180
 tatcagaaaa aaatttccag ctcaaccaag ataaaatgaa tttttccaca cttgagaaac 240
 attcagggtc tatttgctcc gctaaaatta cagatggaat tcaaggcagt gcagcaggtt 300
 cagcgtcttc catttctttc aagctcaa atcttctactgg atgttttgag gggtaatgat 360
 gagactattg gatttgagga tacccttaat gatccatcac aaagcgaagt catgggagag 420
 ccacactcga 430

<210> 302
 <211> 551
 <212> DNA
 <213> mammalian

<400> 302
 ggcacgagggc tccagacccg cagccgcgc gcacagagct ctacgcgccg ctcccagcca 60
 cagcctcccg cgctcgctc agctccaaca tggcaaaaat ctccagccct acagagactg 120
 agcgggtgcat cgagtcctg attgctgtct tccagaagta tgctggaaag gatgggtata 180
 actacactct ctccaagaca gagttcctaa gcttcatgaa tacagaacta gctgccttca 240
 caaagaacca gaaggaccct ggtgtccttg accgcatgat gaagaaactg gacaccaaca 300
 gtgatgggtca gctagatttc tcagaatttc ttaatctgat tgggtggccta gctatggctt 360
 gccatgactc cttcctcaag gctgtccctt cccagaagcg gacctgagga ccccttggcc 420
 ctggccttca aaccacccc ctttccttcc agcctttctg tcatcatctc cacagcccac 480
 ccatccctg agcacactaa ccacctcatg caggccccac ctgccaatag taataaagca 540
 atgtcacttt t 551

<210> 303
 <211> 403
 <212> DNA
 <213> mammalian

<400> 303
 tccgactact tcagagttag atggaagggtg ctggatggat gctttggagt tggctttgaa 60

atgttctagt	cttcttaa	acgtacaatgat	cagagaagga	aaggaacatg	acctgagcgt	120
ttcatcagat	agcgcacatg	tgactttcta	tggcttacta	cgtgctaaca	atctccacag	180
tggtgataac	ttccagttaa	atgatagtga	aattgaacga	caacatttta	aggaccaaga	240
tatgtattct	gataaatctg	ataaagaaaa	tgatcaagaa	catgatgagt	ctgataatga	300
ggtgatgggg	aaaagtgaag	aaagtgacac	agatacatca	gaaagacaag	atgactcata	360
tatcgaacct	gagcctgttg	agcctttaag	gagactccta	cct		403

<210> 304
 <211> 243
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	304	
ctttctccct	gntgttgctg	ttggttcct ctcagattca gtaactat
		ttt tncanggatcc 60
eggcctgtga	ttaatattna	taanaccatc acagtaactc ctaacagaat
		tgacctccgc 120
cagaaaacag	cgtgtggggc	gcctagtcgg gatatgcctc cagggttaa
		at cctgttttga 180
atatactgct	aaccccgctg	gttataatcc ttcaatatna attgtgggca
		cacttgaagc 240
tga		243

<210> 305
 <211> 210
 <212> DNA
 <213> mammalian

<400>	305	
agcactttgt	tcactgtcct	gtgtcagagc actgagctcc acccttttct
		gagagttatt 60
acagccagaa	agtgtgggct	gaagatgggtt ggtttcatgt ttttgtatta
		tgtatctttt 120
tgtatggtaa	agactatatt	ttgtacttaa ccagatatat ttttacccca
		gatggggata 180
ttctttgtaa	aaaatgaaaa	taaagttttt 210

<210> 306
 <211> 339
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()

<223> "n" is an unknown nucleotide

<400> 306
ctgccggtat tctncagatc ctagctnggn cttgatagcc cttaatatat gtttgtatta 60
tgntattttt caactaaatc gcagttggaa aaaaacatat tnaatattat gcccttggat 120
ctgttactgc atcactagca cttgtgatgc aatanaacac ttcgcctgta ctgaangggc 180
caanagtaaa tgccttgntt tgtttttttg ttttgttctg ttntgatttt tgttaaacat 240
gtctatagag ttggnagnta atgcttgaat ttgtcanata ccccttccaa aattatactt 300
gtatttaaaa aatnaangga tctacctaata ttctattga 339

<210> 307
<211> 459
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 307
tttgcntcc caaantttcc aggntaacna caaggagata gaaagggttaa aacaactgat 60
cgacaaagaa acaaagacc ggaaatgcct ggaagatgaa aacgcgagat tacaaagggt 120
ccagtatgac ctgcagaaag caaacagtag tgcgacggag acaataaaca aactgaagggt 180
tcaggagcaa gaacttgaca cgcctgatga tcgactatga aagggtttcc caggagagga 240
ctgtgaagga ccaggatatc acgcgggttc agaactctct gaaagagctt gcagcttgca 300
gaagcagaag gtggaagagg agcttgaatc ggctgaagag gaccgcgtca gaagactcct 360
gcaagaggaa gaagctggag gaagagctgg aaggcatgag gaggtcgctt gaaggagcaa 420
gcctcaaaat cccacctgac ccagcagctt ggagcaggc 459

<210> 308
<211> 481
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 308
ccctttggac cctaccctgt ttccattaca gtnacttcca aaacgaacaa ggacaccagc 60

aaattcccca gccctctggt agtttatgca aatattcgcc aaggagcctc cccaattctc	120
agggccagtg tcacagccct gattgaatca gtgaatggaa aaacagttac cttggaacta	180
cttgataat ggagcaggtg cttgatgcta ctttaaggatg acggtgtcta ctcaaggtat	240
ttcacaaactt atgacacgaa tggtagatac agtgtaaaag tgcgggctct gggaggagtt	300
aacgcagcca gacggagagt gataccccag cagagtggag cactgtacat acctggctgg	360
attgagaatg atgaaataca atggaatcca ccaagacctg aaattaataa ggatgatgtt	420
caacacaagc aagtgtgttt cagcagaaca tcctcgggag gctatttgtg gntntgatgt	480
a	481

<210> 309
 <211> 344
 <212> DNA
 <213> mammalian

<400> 309	
atgaagccaa cacacttgtc cttggtttta agaaagattg gttgcaagca gatatgaggg	60
atgtggatat gtatataaac ttatttcattg atgcttttga catacaatat ggagtagtgg	120
ttattcgcct aaaagaaggt ctggatatat ctcatcttca aggacaagaa gaattattgt	180
catcacaaga gaaatctcct ggcaccaagg atgtggtagt aagtgtggaa tatagtaaaa	240
agtccgattt agatacttcc aaaccactca gtgaaaaacc aattacacac aaagttgagg	300
aagaggatgg caagactgca actcaaccac tgttgaaaaa aaaa	344

<210> 310
 <211> 357
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 310	
tgaccagcgg ataacaattt cacacaggac gactccaagg aaagctttgc atttaaacca	60
gaaaatatct cagaagaaaa tgcaaccac atatttattg ccattaaann gnatagataa	120
aagcaatttg acntttttta gtatccaaca ttgcacaagt aactttgttt atccctcaag	180
caaactctcg atgacattga tctactcct actcctactc ctactcctga taaaagtcac	240
aattctggag ttaatatattc tacgctggta ttgtctgtga ttgggtctgn nngtcnttgt	300

taacttctat ttnaactacc accattngaa ccttaacgaa anaanaaat cttcaag 357

<210> 311
 <211> 373
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 311
 agcggataac aatttcacac aggagaccat tgcatgccct caactcttgc ttggcagggg 60
 taccagagac tgaaagacac ggcacaaatc tcaatattca tctcccacat cacctttcnt 120
 gggaactgga nagggngaaa gtctctaaac tctgggaaca ggcganaagg aacagggatt 180
 taantncccg gccacagggn catgggaagc ttgaggnagn aagggggaan ccagggaccc 240
 anntnaagga nngggtggga gnnttttncc taanttgggg ggacacccca gnntgnaaag 300
 ctactaagna naaggggntg angggntnaa ggctnccctg aganggataa nctgaganan 360
 anntntaact tct 373

<210> 312
 <211> 377
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 312
 tagtgnntag cggataacaa tttcacacag gagaccattg cagtacattg agctccatag 60
 agacagcgcc ggggcaagtg agagccggac gggcactggg cgactctgtg cctcgctgag 120
 gaaaaataac taacntnnnc aaaggagatc ctaagaagcc gagaggcaaa atgtcatcat 180
 atgcattttt tnggcaaact tgtcgggagg agcataagaa gaancacca gatgcttcaa 240
 gtcaacttct nagagttttc taanaagtgc tcaaaagagg tggaagacca tgtctgctaa 300
 agagaaagga aaatttgaag atatngnaaa agcggacnag ggccgttatg aaananaaan 360
 gaaacctata ttcctnc 377

<210> 313
 <211> 387

<212> DNA
<213> mammalian

<400> 313
agcggataac aatttcacac aggaatggtc gtctcggaga tgcagccaag aaagccatca 60
gtaaattgac aaccaggaca gtaaagaagg gtgacaagga aactgacca gactttgatc 120
attgtgcagt ctgcatagag agctataagc agaatgatgt cgtccgaatt ctcccctgca 180
agcatgtttt ccacaaatcc tgcgtggatc cctggccttag tgaacattgt acctgtccta 240
tgtgcaaact taatatattg aaggccctgg gaattgtgcc gaatttgcca tgtactgata 300
acgtagcatt cgatatggaa gggctcacca gaaccaagc tgttaaccgc aagatcagcc 360
ctcggcgacc tcgccggcga caactcc 387

<210> 314
<211> 289
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 314
gacaaaagga ccgnaggccc aagggcaata ataaggtgga atttgcaggt cagcccagga 60
attggcagag gaagtaggtg tctgataacc ctttgtggag aatgagattc cccccacctg 120
tgtgagaaaa ataaacagct ctggagtctt gttcctgact ccagaggaac gagagcattc 180
caggaaagag agattccctg gaaaattgaa aatgtgaatc ctaggggggaa attgggggatt 240
gtgtctttcc ctgttgaaaa tgtttgatg ggaataaata tcttcagga 289

<210> 315
<211> 389
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 315
tactggaata ttctaaaact cttgttcaca tgctattatg acttataaag cagcaacagc 60
tgaggcgcac caggacacag cttccatttc tttaacgtct gttcccttaa catcgctgaa 120
atgatttact gttgaagaga tgccttgccg tgtagggcagc tgtgaggaga aagcagcttg 180

cagtgttagg acattagtcc accttcagct gcaggggtctc tggccggggtc tgactcagaa	240
accttggtac tgcgcccttg gccacagtgc ccagacccat gtaaccact ggctcctgca	300
ttaaccaga aatacctcgc ttctatctgt gcactttagc ttgngaactt acccactgna	360
ntccctanat aaagcgntta tnaacagga	389

<210> 316
 <211> 439
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 316	
gtccccacgg ttgntntctg gaggnctcct aaacaccatt attcttcttc acgcttctca	60
nagccctaag gaagagagtg attcctcagc tcaattgtga actgctcctg ccactntgcc	120
ttcctcgtgn aaaaaaacca gactttacat catgggtgac cactcccgca gagttgtaca	180
gaacctccct tgggggccaca ggatggctgg attctgtccc ctcatataca aggagggttat	240
tgggacagca tttctcccta gaacaagagt gtatatttca gaaagctatg gatgacttnc	300
catggtcatc agatcactta ggcangaatg ctattctcct gatagatgtg tggaanggat	360
tcaattcatt ttgaccccaa gntctaggcn ctggattaaa aatgcccaacc ccaaacgtta	420
acttttaata aaaaaaaaaa	439

<210> 317
 <211> 354
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 317	
tggtgggctt tcccctcatg tcattggagg catctttggg aagaacaacg ccagccctt	60
tgatgcaccc tgtcgcacca agaacatcgc ccgggagatt ccacccagc cctggtacaa	120
gtctacntgt catccacatg actgttggag gcttctcctg tttcaggtat cctcccttta	180
ttccatggct attactgtca ggttctcgac ctcaattttt cctgtcccta ctcatccagt	240

accctaaccc aacccgttga tccctgggtc agtggtagca ttcagagatc attaaatggt	300
tcctcctatc cccaagcagg actgagcttg aatgatatga gagtgtctac ttat	354

<210> 318
 <211> 393
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ().().
 <223> "n" is an unknown nucleotide

<400> 318	
gntgnmnttn nnnttttttg tagcacgggt aacgtcctta aaacccgccg gactttctgt	60
aagaagtgtg gcaagcacca accccataaa gtgacacagt acaagaaggg caaggattct	120
ctgtacgccc agggaaagcg gcgttatgac aggaagcana gtggctatgg tgggcaaact	180
aagccgattt tccggaaaaa ggctaaaact acaaanaaga ttgtgctaag gcttgagtgc	240
tgttgagccc aactgcagat ctaagagaat gctggctatt aaaagatgca agcattttga	300
actgggagga gataagaaga gaaagggcca agtgatccag ttctaagtgt catcttttat	360
tatgaagaca ataaaatctt gaggttatgt tcg	393

<210> 319
 <211> 991
 <212> DNA
 <213> mammalian

<400> 319	
ctggattccc gtcgtaactt aaagggaaat tttcacaatg tccggagccc ttgatgtcct	60
gcaaatgaag gaggaggatg tccttaagtt ccttgacagca ggaaccact taggtggcac	120
caatcttgac ttccagatgg aacagtacat ctataaaagg aaaagtgatg gcatctatat	180
cataaatctc aagaggacct gggagaagct tctgctggca gctcgtgcaa ttgttgccat	240
tgaaaaccct gctgatgtca gtgttatatc ctccaggaat actggccaga gggctgtgct	300
gaagtttgct gctgccactg gagccactcc aattgctggc cgcttcactc ctggaacctt	360
cactaaccag atccaggcag ccttccggga gccacggctt cttgtgggta ctgacccag	420
ggctgaccac cagcctctca cggaggcatc ttatgttaac ctacctacca ttgcgctgtg	480
taacacagat tctcctctgc gctatgtgga cattgccatc ccatgcaaca acaagggagc	540
tcactcagtg ggtttgatgt ggtggatgct ggctcgggaa gttctgcgca tgcgtggcac	600
catttcccggt gaacacccat gggaggtcat gcctgatctg tacttctaca gagatcctga	660

agagattgaa aaagaagagc aggctgctgc tgagaaggca gtgaccaagg aggaatttca	720
gggtgaatgg actgctcccg ctctgagtt cactgctact cagcctgagg ttgcagactg	780
gtctgaaggt gtacaggtgc cctctgtgcc tattcagcaa ttccctactg aagactggag	840
cgctcagcct gccacggaag actggtctgc agctccact gctcaggcca ctgaatgggt	900
aggagcaacc actgactggg cttaagctgt tcttgcatag gctcttaagc agcatggaaa	960
aatggttgat ggaaaataaa catcagtttc t	991

<210> 320
 <211> 810
 <212> DNA
 <213> mammalian

<400> 320	
gctgcaccgc gctcgtccg agtttcaggc tcgtgctaag ctagcgccgt cgctcgtctcc	60
cttcagtcgc catcatgatt atctaccggg acctcatcag ccacgatgag atgttctccg	120
acatctacaa gatccgggag atcgcggacg ggttgtgcct ggaggtggag gggaagatgg	180
tcagtaggac agaaggtaac attgatgact cgctcattgg tggaaatgcc tccgctgaag	240
gccccgaggg cgaaggtacc gaaagcacag taatcactgg tgtcgatatt gtcatgaacc	300
atcacctgca ggaaacaagt ttcacaaaag aagcctacaa gaagtacatc aaagattaca	360
tgaaatcaat caaagggaaa cttgaagaac agagaccaga aagagtaaaa ccttttatga	420
caggggctgc agaacaaatc aagcacatcc ttgctaattt caaaaactac cagttcttta	480
ttggtgaaaa catgaatcca gatggcatgg ttgctctatt ggactaccgt gaggatgggtg	540
tgaccccata tatgattttc tttaaggatg gtttagaaat ggaaaaatgt taacaaatgt	600
ggcaattatt ttggatctat cacctgtcat cataactggc ttctgcttgt catccacaca	660
acaccaggac ttaagacaaa tgggactgat gtcattctga gctcttcatt tattttgact	720
gtgattttatt tggagtggag gcattgtttt taagaaaaac atgtcatgta ggttgtctaa	780
aaataaaatg catttaaact catttgagag	810

<210> 321
 <211> 280
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 321
gactcactat agggccttttt ttttttnggn ggcaatcaca gtctttaatc attaatngtc 60
atatttctga ttngtttagca agtgccagct ttgtaggctg gttgaagtac agaactcaga 120
ggaanaaaaa aataaaattt tagcttttnt ggganagnag cccntttttg ggacnatnaa 180
aacacttttt tggtttcctt tnaacttgga aactttttaa aacattangg gggtnngggga 240
ggggttgggc nattttttta atntnggggn cangngnagn 280

<210> 322
<211> 373
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 322
gcggataaca atttcacaca ggatcgatac aggactgttc tggggccagc ttcccttaac 60
tctgtagcct ggcagtctga cccaaagttg ccctcaccca aaggttctgg ctcttccttc 120
cctcantttt actttccctt ccccataag ttggaggata aaatgggtat caatgctaatt 180
atttcaggg agaacatgaa accagaggtt tctttctttc tctgtaatct gctatgaaag 240
aaaataacaa atgaaaataa atgtgtacta cactttgaaa tattttaact aaagccttta 300
ttctatacaa ctgtgaaata cagattttac ccttttgga ttgcgaaaaa aaaaaaagcc 360
ctatagnngt cgt 373

<210> 323
<211> 400
<212> DNA
<213> mammalian

<400> 323
attagcggat aacaatttca cacaggatcg atacaggatg cttgccaaaa gaggtggata 60
tgtctgggtt gaaactcaag caactgtcat atataacacc aagaattctc aaccacagtg 120
cattgtatgt gtgaattacg ttgtgagtgg tattattcag cagacttga ttttctccct 180
tcaacaaaca gaatgtgtcc ttaaaccggt tgaatcttca gatatgaaaa tgactcagct 240
attcaccaa gttgaatcag aagatacaag taagcctctt tgacaaactt aagaaggaac 300
ctgatgcttt aactttgctg gcccagccg ctggagacac aatcatatct ttagattttg 360
gcagcaacga cacagaaact gatgaccaca cttgaggaag 400

<210> 324
 <211> 405
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 324
 gatttaatac gactcactat agggcttttt tttttttcgg ancaatgaat ttttaatttt 60
 ctcancaaa aaaananata atngaggnga taaatgngct aattncactg attngatcat 120
 tatncatcat atncntatat ttaaatatca cacttgtncc ccataaatat gtncaacact 180
 tacgtgtcat ttaaaaataa ngataaaatt atatcaagat tcaagcgcct ntngtagcgg 240
 cttccacag tcttcacatt ngganggatt ttctccactg nggttttttt gttgggtcttt 300
 acggtatgac cggatataca gcttctttcc caatcctcac atttgaatgg ttttttcgga 360
 atggagtctn tatgattcaa aaacttgagg cgggctaaag ctttt 405

<210> 325
 <211> 391
 <212> DNA
 <213> mammalian

<400> 325
 cgctccagcc cagccctcag cctggcatgc cccctggatc aggccattgg cctcctcgtg 60
 gccatcttcc caagtactcc ggcagggagg gtgacaagca caccctgagc aagaaggagc 120
 tgaaggagct gatccagaag gagctcacca ttggctcgaa gctgcaggat gctgaaattg 180
 caaggctgat ggaagacttg gaccggaaca aggaccagga ggtgaacttc caggagtatg 240
 tcaccttctt gggggccttg gctttgatct acaatgaagc cctcaagggc ttgaaaataa 300
 ataggggaaga tggagacacc ctctgggggt cctctctgag tcaaaccag tgggtgggtaa 360
 ttgtacaata aatttttttt ggtcaaattt a 391

<210> 326
 <211> 300
 <212> DNA
 <213> mammalian

<400> 326
 catgttggca gaaaattgaa catgactcca gaagaagctg aaaggtggat tgtaaatttg 60
 attagaaatg caagactgga tgccaagatt gattctaaat taggtcatgt gggttatgggt 120

aacaatgcag tctcacccta tcattwaagt gattgaaaag accaaaagcc tttccttttag	180
aagccagatg ttggccatga atattgagaa gaaacttaat cagaatagca ggtcagaggc	240
tcctaacttg ggcaactcaa gattctggct tctactgaag aaccayaaag aaaagatgaa	300

<210> 327
 <211> 372
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 327	
aatacgactc actatagggc tttttttttt ttaagttgta atctttgccg ttgtcactga	60
ncctcaaaag caattgtttt cccaaatcat ttttaagccct cccagtcaa tcttttcctt	120
ctcatcanta acttacaagg accctatttg aaaaacaacg cttattcatt cctttttcta	180
tacccacac attccgttct aggaaatngg caaccacca acacagcccg ggttctcctt	240
ccttganatg tgaatttaaa caaanggatt ttcgtctccn ttcttcaagc ttanaggatg	300
ancacgcgtt tactacaacg cttaattcct tctagcagca tttctcttct ataactactt	360
gcnetgcttt tt	372

<210> 328
 <211> 408
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 328	
tgattagcgg ataacaattt cacacaggat ccatgactcc acctccatca tcacctcaac	60
ccaaaaaggc ataattaaac ttacttctt ctctttcttc ttccactca tcctaaccct	120
actcctaatc acataacctt ttcccccgag caatctcaat tacaatatat acaccaacaa	180
acaatgttca accagtaact actactaatc aacgcccata atcatacaaa gccccgcac	240
caataggatc ctccgaatc aacctgacc cctctccttc ataaattatt cagcttctta	300
cactatataa gtttaccaca accaccaccc catcatactc tttcaccac agcaccaatc	360

ctaccttcat cgntacccca ctaaaacact cccaagactt aacccttg 408

<210> 329
 <211> 426
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 329
 agcggataac aatttcacac aggacgactc caagtgagaa agatggaaaa atattttgtt 60
 tctgatgcta gtccatacac tttccaagtc ccacaaaact ttcacaaaaa tgtatataag 120
 ctaaataatta gaaacnggat aacaaacntt gttttattta tagatgtaaa aaccaaacia 180
 gtcaatatga aagcttttaa tctcttaata ccattaagct ttccagtaag agcatcacat 240
 aatgctctac tgttccagaa accaaatagt aaaaaaaaaa aagccctata gngagtcgta 300
 ttaaategaa tttccccgcg gccgccatgg cggccggnag catgcnacgt cggncccaat 360
 tcnccctata gtgagtcgta ttacaattca ctggccgctcg ttttacaacg tcgtgctgga 420
 aaccn 426

<210> 330
 <211> 282
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 330
 ttctgtcat tccattccaa aaattatgtg gaagtggata ggagaactgc agctgtcaat 60
 agcctagggc tgaatttttg tcanataaat aaaataaatc attcatcctt ttttttgatt 120
 ataaaatttt ctaaaatgta ttttagactt cctgtagggg gcgatatact aaatgtatat 180
 agtacattta tactaaatgt attcctgtag ggggctgata tactaaatgt attttanact 240
 tcctgtaggg gccgataaaa taaaatgcta aacaactggg ta 282

<210> 331
 <211> 1008
 <212> DNA
 <213> mammalian

<400> 331
atgtccacag aaggaggatt tgggtggtact agcagcagtg atgccagca aagcctacag 60
tcgttctggc ctctgggtcat ggaagaaatc cggaatttaa cagtgaaga cttccgagtg 120
caggaactcc cactggctcg tattaagaag attatgaaac tggatgaaga tgtgaagatg 180
atcagtgcag aagcgctgt actctttgcc aaggcagccc agatttttat cacagagttg 240
actcttcgag cctggattca cacagaaaat aacaagcgcc ggactctaca gagaaatgat 300
atcgccatgg caattacaaa atttgatcag tttgattttc tcatcgatat tgttccaaga 360
gatgaactga aacctccaaa gcgtcaggag gaggtgcgcc agtctgtaac tcctgccgag 420
ccagtccagt actatttcac gctggctcag caaccaccg ctgtccaagt ccatggacag 480
cagcaaggcc agcaaacaac cagctccacg aacaccatcc agcctgggca gatcttcac 540
gcacagcctc agcagggcca gaccacacct gtgacaatgc aagttggaga aagtcagcag 600
gtgcagattg tccaggctca gccacagggc caagcccaac aggccataa tggcactgga 660
caaaccatgc aggtgatgca gcagatcatc actaacacag gagagatcca gcagatcccg 720
gtgcagctga atgccggcca gctgcagtat atccgcttag ccagcctgt atcaggcact 780
caagttgtgc agggacagat ccagacactt gccaccaatg ctcaacagat tacacagaca 840
gaggtccagc aaggacagca gcagttcagc cagttcacag atggacagca gctctaccag 900
atccagcaag tcaccatgcc tgcgggccag gacctcgccc agcccatggt catccagtca 960
gcccaaccagc cctccgacgg caaggccccc caggtgaccg gcgactga 1008

<210> 332
<211> 298
<212> DNA
<213> mammalian
<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 332
agtgatttaa tacgactcac tatagggtt ttttttttta gggttnggct ttttattgac 60
acaaacacac aaaggcagct gnggtaatgg gngngngggg tacacaaaag canaaatcgc 120
acttcacaca tttaggctc atttanacaa tgaggaggct gagcctgtcc ctccacctcc 180
cattgcaang gttggggcaa tanccctccc taatcctagc tcagnagta naggagtgta 240
cctccctacc caggaagtcc ccattttggt tgcaanggnc tcctgtgtga aattgtta 298

<210> 333
 <211> 286
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 333
 cccgggcatc agccccgagg aatgcgcctc tcggaagtgc tgcttctcca acttcatctt 60
 tgaagtgcc tgggtgcttct tcccgaagtc tgtggaagac tgccattact aagagaggct 120
 ggttcagag gatgcatctg gtcaccggg tgttcgaac caaagaagaa acttcgcntt 180
 atnagcttca tatttcatga aatcctgggt tttcttaacc atcttttctt cattttcaat 240
 ggtttaacat ataatttctt taaataaaac tcttaaaatc tgctaa 286

<210> 334
 <211> 442
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 334
 ggtccaaggt ggattcaaac gaactgtggc tgcaccatct gtcttcatct tcccgccatc 60
 tgatgagcag ttgaaatctg gaactgcctc tgttgtgtgc ctgctgaata acttctatcc 120
 cagagaggcc aaagtacagt ggaagggtga taacgcctc caatcgggta actcccagga 180
 gagtgtcaca gagcaggaca gcaaggacag cacctacagc ctcagcagca ccctgacgct 240
 tgagcaaagc agactacgag aaacacaaag tctacgcctg cgaagtcacc catcagggcc 300
 tgagctcgcc cgtcacaaag agcttcaaca ggggagagtg ttagagggag aagtgcccc 360
 acctgtcct cagttccagc ctgacccctt nccatccttt ggcctctgac cttttttcca 420
 caggggacct acccctattg cg 442

<210> 335
 <211> 353
 <212> DNA
 <213> mammalian

<220>

<221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 335
 gagcnggcgc agtgattata ggctttcgct ctaagattaa aaatgcccta gccacttct 60
 taccacaagg cacacctaca ccccttatcc ccatactagt tattatcgaa accatcagcc 120
 tactcattca accaatagcc ctggccgtac gcctaaccgc taacattact gcaggccacc 180
 tactcatgca cctaattgga agcgcaccct agcaatatca accattaacc ttccctctac 240
 acttatcatc ttcacaattc tgattctact gactatccta gaaatcgctg tcgcttaatc 300
 caagcctacg ttttcacact tctagtaagc ctctacctgc acgacaacac ata 353

<210> 336
 <211> 396
 <212> DNA
 <213> mammalian

<400> 336
 cttcggtttt agtcattcct atctcaatct taatggtgat tcttctctgt tgaactgaag 60
 tttgtgagag tagttttcct ttgctacttg aatagcaata aaagcgtgtt aactttttga 120
 ttgatgaaag aagtacaaaa agccttttagc cttgaggtgc cttctgaaat taaccaaatt 180
 tcatccatat atcctctttt ataaacttat agaatgtcaa actttgcctt caactgtttt 240
 tatttctagt ctcttccact ttaaaacaaa atgaacactg cttgtcttct tccattgacc 300
 atttagtggt gagtactgta tgtgttttgt taattctata aaggatatctg ttagatatta 360
 aagggtgagaa ttagggcagg ttaatcaaaa aaaaaa 396

<210> 337
 <211> 279
 <212> DNA
 <213> mammalian

<400> 337
 gtattgaaca aaagacggaa ggtgctgaga aaaaacagca gatgggctcg agaatacaga 60
 gagaaaattg agacggagct aagagatata tcgcaatgat gtactgtctc ttttggaana 120
 gttcttgatc cccaatgctt cacaagcaga gagcaaagtc ttctatttga aaatgaaagg 180
 agattctacc gttacttggc tgaggttgcc gctggtgatg acaagaaagg gattgtcgat 240
 cagtcacaac aagcatacca agaagctttt gaaatcagc 279

<210> 338
 <211> 749

<212> DNA
<213> mammalian

<400> 338
agccaacaga gattgttgat ttgcctctta agcaagagat tcattgcagc tcagcatggc 60
tcagaccagc tcataacttca tgctgatctc ctgcctgatg tttctgtctc agagccaagg 120
ccaagaggcc cagacagagt tgccccaggc ccggatcagc tgcccagaag gcaccaatgc 180
ctatcgctcc tactgctact actttaatga agaccgtgag acctggggtg atgcagatct 240
ctattgccag aacatgaatt cgggcaacct ggtgtctgtg ctcaccagg ccgaggggtgc 300
ctttgtggcc tcactgatta aggagagtgg cactgatgac ttcaatgtct ggattggcct 360
ccatgacccc aaaaagaacc gccgctggca ctggagcagt gggtccttg tctcctacaa 420
gtcctggggc attggagccc caagcagtgt taatcctggc tactgtgtga gcctgacctc 480
aagcacagga ttccagaaat ggaaggatgt gccttgtgaa gacaagttct ctttgtctg 540
caagttcaaa aactagaggc agctggaaaa tacatgtcta gaactgatcc agcaattaca 600
acggagtcaa aaattaaacc ggaccatctc tccaactcaa ctcaacctgg acactctctt 660
ctctgctgag ttgacctgt taatcttcaa tagttttacc taccacagtc tttggaacct 720
taaataataa aaataaacat gtttcact 749